

This is an attempt – made by a non specialist and completely based on the existing literature – to collect in a single document information about the German colours in use during WWII. Each page is devoted to a RLM color. FS stands for FS595 and HU is the Humbrol equivalent. A few notes on the usage are given, based on the sources listed below. I hope that this document will be useful for anyone interested in this topic.

I have made use of the following sources:

- 1) Falconi, A., Manuale di plastimodellismo aereo, Delta editrice, 1975. (*fal*)
- 2) Urban Fredrikssons's Color Reference Charts, 2004 (<http://www.ipmsstockholm.org/>). (*ufc*)
- 3) Aerei modellismo, n.1, Delta editrice, Parma, pag. 41, 1980. (*aem*)
- 4) Falconi, A. Focke Wulf Fw 190, 'I big di modellismo', Delta editrice, Parma, 1992, pag. 26 (*aef*)
- 5) Federal standard FS. 595 a, research by R. Cardone e P. Francois, Eagle Press, 19???. (*card*).
- 6) David Wadman, based on his factory color chips (see Late-War Luftwaffe Fighter Camouflage, Part Six, Modellers' Paint Reference Guide, by Brett Green, at http://www.clubhyper.com/reference/luftcambg_6.htm) (*wad*).
- 7) Digital Luftwaffe WW2 Colours, "compiled and matched by W. S. Marshall SA Colours and Markings, available at www.clubhyper.com/reference/colourcharts/Digital%20Luftwaffe%20WW2%20colours.pdf" (*dlc*).
- 8) Luftwaffe RLM colorlist at <http://www.1java.org/sh/Germany.html> (*lrc*).
- 9) Smith, J. R., and J. D. Gallaspy, Luftwaffe camouflage and markings, 1935-45, Vol. 1, Kookaburra, Melbourne, 1973 (see in particular pages 64 and 66) (*sg1*).
- 10) Smith, J. R., and J. D. Gallaspy, Luftwaffe camouflage and markings, 1935-45, Vol. 2, Kookaburra, Melbourne, 1976 (see in particular pages 45 and 46) (*sg2*).
- 11) Smith, J. R., and J. D. Gallaspy, Luftwaffe camouflage and markings, 1935-45, Vol. 3, Kookaburra, Melbourne, 1977 (see in particular page 136) (*sg3*).
- 12) Munsell Matte Book of Color, 1970 (*msl*).

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RLM 00

Source	FS	HU	Name, usage & notes
aem		35	Wasserhell
lrc			Wasserhell
sg1			Wasserhell (colorless) <i>used as a protective finish</i>

RLM 01

Source	FS	HU	Name, usage & notes
aem	17178	HJ6	Silber
aef	17178	11	Natural metal – Silver
card	17178		Silber
dlc	17178		Silber, Silver, RGB=223/223/221 CMYK=8/6/7/0
fal	17178	11/G8	Silber, Silver <i>Undercarriages, whole surface of early aircraft</i>
ufc	17178	191	Silber
lrc	17178		Silber, RAL9006 RGB=155/157/159
sg1			Silber (silver) <i>used for interior and exterior finishes</i>

RLM 02

Source	FS	HU	Name, usage & notes
aem	34159 34226	HG6	Grau 'Mo-Lak LG6 is closer to the original'
aef	34226	+120 darkened	RLM Grau
card	34226		RLM Grau 02
dlc	36307		RLM Grau R/G/B=122/117/97 C/M/Y/K=48/44/62/6
fal	34424	HG6	RLM GRAU (R.L.M. Grey) <i>Overall surface, interior. Used with (RLM) 65</i>
ufc	36165 (24226)	34*29+13*25+12*34+2*82 (4*168+1*75+1*92+1*10)	RLM 02 Grau <i>Interior color, also used as overall color on prototypes</i>
lrc	36307		Grau RAL9006 RGB=155/157/159 1930s-45 <i>Primer, cockpits (before 1942-43) Wheel wells; overall on training, utility and marine types.</i>
sg1			RLM-grau <i>Used as an external finish for floatplanes and flying boats. Also used in some instances as a primer coat. (msl= 5GY 5/1.)</i>
wad	92		RLM 02 Grey

RLM 03

Source	FS	HU	Name, usage & notes
lrc	37200		Silber Grau RGB=122/117/97 <i>1930s, early paint.</i> <i>Doubtful, mentioned here</i> <i>since some sources mention it.</i>
sg1			Silber (silver) <i>Used for external finishes</i>

RLM 04

Source	FS	HU	Name, usage & notes
aem	13655/ 33538	HC6	Gelb
aef	33538	154	Gelb
card	33538		RLM Gelb 04 Orange yellow
dlc	33538		Gelb R/G/B=146/186/24 C/M/Y/K=2/29/94/0
fal	33538		Gelb (yellow) <i>Identification markings, engine cover</i>
ufc	33538		RLM 04 Gelb <i>Identification markings</i>
lrc	37200		Gelb RAL1004, RGB=228,164,0 1930s-45 <i>Tactical/unit/fuel grade markings, theatre markings (Balkans and Eastern front), marine trainers</i>
sg1			Gelb (yellow) <i>Used for identification markings and fuel markings . (msl=2.5 Y 8/12.)</i>
wad			Yellow

RLM 05

Source	FS	HU	Name, usage & notes
dlc	33481		Elfenbein (Mustard?) R/G/B=214/182/104 C/M/Y/K=10/22/68/0
ufc	33618		RLM05 Elfenbein
lrc	13618		Elfenbein R/G/B=207/178/104 <i>pre-1939</i> <i>Overall, gliders, seaplanes</i>
sg1			Creamy yellow <i>Used as a gloss external finish for sailplanes and gliders. (msl=5Y 8/6.)</i>

RLM 09

Source	FS	HU	Name, usage & notes
ufc			Gelbgrun

RLM 11

Source	FS	HU	Name, usage & notes
lrc			Grau R/G/B=85/86/79

RLM 21

Source	FS	HU	Name, usage & notes
aef	37875	34	Weiss
card	37886		Weiss RLM 21
dlc	37886		Weiss R/G/B=255/255/255 C/M/Y/K=0/0/0/0
fal	37875	34/M10	Weiss (white) <i>identification markings, winter schemes, 1st staffel</i>
ufc	37886 37880 37875	6*34+4*41	Weiss <i>Markings/winter camouflage</i>
lrc	37886		Weiss RAL9001 RGB=237/227/211 <i>1930s-45</i> <i>Markings</i>
sg1			Weiss (white) <i>used for identification markings.</i> (msl=N9.5 90% R.)

RLM 22

Source	FS	HU	Name, usage & notes
aem	37038 ---→ 27038 ---→	33 85	Schwarz
aef	37038	33	Schwarz
card	37038		Schwarz RLM 22
dlc	37038		Schwarz R/G/B=31/25/23 C/M/Y/K=78/76/77/57
fal	37038	33/M6	Schwarz (black) <i>identification markings, night camouflage</i>
ufc	37886 37880 37875	6*34+4*41	RLM 22 Schwarz <i>markings/ night camouflage</i>
lrc	37038		Schwarz RAL9004 RGB=38/38/39 1930s-45 <i>Markings, night camouflage (fighters: overall before 1942, undersurfaces only, 1944-45; bombers: undersurfaces).</i>
sg1			Schwarz (black) <i>used for identification markings.</i> (msl=N2.75 5.5% R.)

RLM 23

Source	FS	HU	Name, usage & notes
aem	31302	HT5	Rot
aef	31302	+174	Rot
card	31302		Rot RLM 23
dlc	31136		Rot R/G/B=207/49/16 C/M/Y/K=5/95/96/0
fal	31136	60/M12	Rot (red) <i>Identification markings, 2nd staffel, sometimes spinners</i>
ufc	31304 31302	33	RLM 23 Rot <i>Markings</i>
lrc	36307		Rot RAL3001 RGB=158/21/25 <i>1930s-45</i> <i>Tactical/unit markings, pre-1939</i> <i>National markings</i>
sg1			Rot (red) <i>Used for identification markings.</i> (msl=7.5R 4/12.)
wad			RLM ? red

RLM 24

Source	FS	HU	Name, usage & notes
aem	35044	25	Dunkelblau
aef	35044	189	Dunkelblau
card	25044		Dunkelblau RLM 24
dlc	35052		Dunkelblau R/G/B=28/47/91 C/M/Y/K=96/82/31/4
fal	35044	60/M12	Dunkelblau <i>Identification markings</i>
ufc	35053		Dunkelblau <i>markings</i>
lrc	35053		Dunkelblau RAL5000 RGB=45/74/110 <i>Pre-1939</i> <i>Tactical/unit markings, prototype</i> <i>Airframes pre-1939</i>
sg1			Dunkelblau (dark blue) <i>Used for internal systems</i> <i>identification markings (msl=5PB</i> <i>2.5/6)</i>
wad			RLM ? blue

RLM 25

Source	FS	HU	Name, usage & notes
dlc	24108		Hellgrun R/G/B=54/94/97 C/M/Y/K=81/48/55/5
fal	34108	3/G5+matt 3*HF2+1*HB5+1*24	Hellgrun (light green) <i>Identification markings</i>
ufc	34241		Hellgrun
lrc	24108		Hellgrun RAL6000 RGB=51/115/95 <i>1930s-45?</i> <i>Tactical/unit markings</i>
sg1			Hellgrun (light green) <i>Used for identification markings</i> (msl=5G 5/6.)

RLM 26

Source	FS	HU	Name, usage & notes
dlc	30109		Braun R/G/B=143/67/32 C/M/Y/K=34/85/96/1
fal	30117	5*29+3*24	Braun (brown) <i>Particular camouflages</i>
ufc	30109		RLM 26 Braun
lrc	30109		Braun RAL8004 RGB=140/72/50 <i>Miscellaneous</i>
sg1			Braun (brown) <i>Used for internal systems identification and oil markings (msl= 2.5 YR 4/6.)</i>

RLM 27

Source	FS	HU	Name, usage & notes
card	33655		Gelb RLM 27
dlc	33637		Gelb R/G/B=225/229/99 C/M/Y/K=3/9/64/0
fal	30257	24/M15	Gelb (yellow) <i>Identification markings, 3rd staffel</i>
ufc	33637 33655 33591		RLM 27 Gelb <i>Markings</i>
lrc	36307		Gelb RAL1021 RGB=243/188/0 1930s-45 <i>Theater markings</i>
sg1			Gelb (yellow) <i>Used for identification markings</i> (msl= 5Y 7/10.)

RLM 28

Source	FS	HU	Name, usage & notes
dlc	20061		Wein Rot (maroon) R/G/B=59/17/3 C/M/Y/K=63/95/94/25
fal	+20061	20 + flat 2*HS215+1*70+1*33	Wein Rot (wine red) <i>Identification markings, sometimes used by the Regia Aeronautica for camouflage schemes of type 2 and 3</i>
lrc	36307		Weinrot RAL3008 RGB=58/17/8 1930s-45 <i>Walkways, trim tabs</i>
sg1			Weinrot (wine-red) <i>Used for walkway markings (msl=10RP 2.5/4.)</i>

RLM 41

Source	FS	HU	Name, usage & notes
card	36357		Seidegrau RLM 41
lrc	36463		Grau RAL7011 RGB=81/88/91 1930s-42 <i>Interiors, instrument panels, primer</i>
sg1			Gray. <i>Mentioned by sg1 as 7170.41, for internal applications (instrument panels)</i>

RLM 42

Source	FS	HU	Name, usage & notes
lrc	-		Grau RAL7012 RGB=87/93/94
sg1			Gray. <i>Mentioned by sg1 as 7170.42, for internal applications (accumulators)</i>

RLM 61

Source	FS	HU	Name, usage & notes
card	30045		Dunkelbraun RLM 61
dlc	30045		Dunkel Braun R/G/B=64/55/48 C/M/Y/K=71/71/78/26
fal	-	1*33+1*20+flat	Dunkelbraun <i>With 62 and 63 for "Segment camouflage"</i>
ufc	30040 30109 30117	29*60+9*99+7*33+4*34 8*10+2*33	RLM 61 Dunkelbraun <i>Pre-war splinter scheme</i>
lrc	30040		Dunkelbraun RAL8019 RGB=59/51/50 <i>1930s-38</i> <i>Camouflage, upper-surface splinter with 62 and 63</i>
sg1			Dunkelbraun (dark brown) <i>Used as camouflage color for upper surfaces (msl=10R 2.5/6.)</i>
sg2	30045		Dunkelbraun (dark brown) msl=2.5YR 2/2, corrects sg1 above.

RLM 62

Source	FS	HU	Name, usage & notes
card	34128		Grun RLM 62
dlc	34159		Grun R/G/B=73/70/49 C/M/Y/K=31/20/27/6
fal	-	1*30+1*31	Grun <i>With 61 and 63 for "Segment camouflage"</i>
ufc	34128	6*76+2*151	RLM 62 Grun <i>Pre-war splinter scheme</i>
lrc	34159		Grun RAL6003 RGB=78/83/58 <i>Pre-1939</i> <i>Camouflage, upper-surface splinter with 61 and 63</i>
sg1			Grun (green) <i>Used as a camouflage color for upper surfaces (5GY 5.5/4)</i>
sg2	34128		Grun (green) msl=7.5GY 4/2, corrects sg1 above

RLM 63

Source	FS	HU	Name, usage & notes
card	36373		Licht Grau RLM 63
dlc (I)	36307		Grun Grau - RLM 63 variant #1 R/G/B=151/163/158 C/M/Y/K=31/20/27/6
	36492		Licht Grau – RLM 63 variant #2 R/G/B=163/160/172 C/M/Y/K=29/25/19/0
fal	-	7*HB6+1*HB8	Hellgrau <i>With 61 and 62 for “Segment camouflage”</i>
ufc	36373 36314	5*34+1*156+1*64	RLM 63 Hellgrau <i>Pre-war splinter scheme. Also used for overall schemes. Some sources claim that this and RLM02 are the same color.</i>
lrc	36307		Hellgrau RAL7004 RGB=151/151/153 <i>Pre-1939</i> <i>Camouflage, upper-surface splinter with 61 and 63 or overall on fighters</i>
sg1			Hellgrau (Light Grey) <i>Used as an external finish for landplanes. Incorporated into later camouflage schemes as a color for upper surfaces (msl=10BG 7.2.)</i>
sg2			Hellgrau (Light Grey) msl=5GY 7/1, corrects sg1 above <i>“No FS 595a equivalent”</i>

RLM 64

Source	FS	HU	Name, usage & notes
lrc	34159		Dunkelgrun RGB=60/55/39
lrc	34159		Hellblau RGB=220/228/227 <i>Pre-1939</i> <i>Undersurface camouflage.</i> <i>Doubtful, mentioned here</i> <i>since some sources mention it.</i>

RLM 65

Source	FS	HU	Name, usage & notes
aef	35526	+47 (darkened and flattened)	Hellblau
card	35352		Hellblau RLM 65
dlc	26329		Hellblau - RLM 65 variant #1 R/G/B=198/219/226 C/M/Y/K=20/6/10/0
	35414		Hellblau - RLM 65 variant #2 R/G/B=150/158/159 C/M/Y/K=35/24/25/0
fal	35622	HG5	Hellblau (light blue) <i>Undersurfaces</i>
ufc	35352 35414 25526	65 1*115+1*34	RLM 65 Hellblau <i>Lower surfaces</i>
lrc	25526		Hellblau - variant #1 ? R/G/B=183/198/205 1938-41 <i>Undersurface camouflage (with 70/71 upper surfaces)</i>
	35414		Hellblau - variant #2 ? R/G/B=148/158/157 1941-45 <i>Use as above</i>
sg1			Hellblau (light blue) <i>Used as a camouflage color for lower surfaces (msl=10BG 6/2.)</i>

RLM 66

Source	FS	HU	Name, usage & notes
aem	36076	HM4	Schwarzgrau 'Mo-Lak LM4 is closer to the original'
aef	36081	+123	Schwarzgrau
card	36081		Schwartz Grau RLM 66/ Grun RLM 72/73
dlc	36081		Schwarzgrau (Black Grey) R/G/B=53/56/51 C/M/Y/K=76/64/71/32
fal	36118	4*HB7+1*33	Schwarzgrau (Black Grey) <i>Various camouflages</i>
ufc	36081	92=RLM02 (?) 32	RLM 66 Schwartzgrau <i>Cockpit interiors from mid-war onwards</i>
lrc	36081		Schwartzgrau RAL7021 RGB=47/51/53 1930-45 <i>Cockpits after 1942-3, armor plate</i>
sg1			Schwarzgrau (Black-grey) <i>Cockpit interiors (msl=N3 6.6%)</i>

RLM 67

Source	FS	HU	Name, usage & notes
Irc	17778		Weiss RGB=241/233/210 1930s-45
	34127		Dunkeolivgrun 1939-42? <i>Doubtful, mentioned here since some sources mention it.</i>

RLM 68

Source	FS	HU	Name, usage & notes
lrc	34258		Schwarzgrun R/G/B=108/116/84 1939-42 <i>Tropical camoflage</i>

RLM 69

Source	FS	HU	Name, usage & notes
lrc	34079		Dunkelgrun R/G/B=89/92/78
	23594		Sandgelb R/G/B=240/201/142 1939-42? <i>Tropical camouflage</i> <i>Doubtful, mentioned here</i> <i>since some sources mention it.</i>

RLM 70

Source	FS	HU	Name, usage & notes
aef	34052	108	Schwarzgrun
card	34052		Schwarzgrun RLM 70/ Grun 80
dlc	34052		Schwarzgrun (Black Green) R/G/B=56/62/50 C/M/Y/K=75/62/79/28
fal	34079	HG1	Schwarzgrun (Black Green) <i>With 71 for "Splinter camouflage"</i>
ufc	34050 34052	91 25*2+14*34+12*60+9*15 5*75+1*91+1*108	RLM 70 Schwarzgrun <i>Wartime splinter scheme</i>
lrc	34052		Schwarzgrun RAL7009 RGB=19/19/11 1938-45 <i>Upper-surface camouflage with 71 (65/22 undersurfaces), propeller blades.</i>
sg1			Schwarzgrun (Black Green) <i>Used s a camouflage color for upper surfaces on land-based aircraft. (msl=10GY 2.5/1.)</i>
wad		91	Black Green

RLM 71

Source	FS	HU	Name, usage & notes
aef	34079	116	Dunkelgrun
card	34079		Dunkelgrun RLM 71 (Forest Green)
dlc	34079		Dunkelgrun (Dark Green) R/G/B=82/88/66 C/M/Y/K=65/54/79/11
fal	34102	HG2	Dunkelgrun (Dark Green) <i>With 70 for "Splinter camouflage"</i>
ufc	34079 34102	116 30	RLM 71 Dunkelgrun <i>Wartime splinter scheme</i>
lrc	34052		Schwarzgrun RAL=6020 RGB=14/9/9 1938-45 <i>Upper-surface camouflage with 70 (65/22 undersurfaces), propeller blades.</i>
sg1			Dunkelgrun (Dark Green) <i>Used as a camouflage color for upper surfaces on land—based aircraft (msl=5GY 3/1.)</i>
wad		116 or 30	Dark Green

RLM 72

Source	FS	HU	Name, usage & notes
dlc	34058		Grun (Green) R/G/B=50/61/58 C/M/Y/K=80/62/69/27
fal	34092	HP3	Grun (Green) <i>With 73 for "Splinter camouflage" of sea aircraft</i>
ufc	34056	6*91+2*189+1*3	RLM 72 Grun <i>Splinter scheme on sea aircraft</i>
lrc	34058		Grun RGB=40/50/42 1938-45 <i>Maritime camouflage, upper surfaces with 73 (65 undersurfaces)</i>
sg1			Grun (Green) <i>Used as a camouflage color for upper surface on aircraft operating over the sea (msl=5GB 3/1.)</i>

RLM 73

Source	FS	HU	Name, usage & notes
dlc	34092		Grun (Green) R/G/B=63/69/57 C/M/Y/K=74/60/76/22
fal	34159	31	Grun (Green) <i>With 72 for "Splinter camouflage" of sea aircraft</i>
ufc	34092	149	Grun <i>Splinter scheme on sea aircraft</i>
lrc	34058		Grun RGB=59/59/49 1938-45 <i>Maritime camouflage, upper surfaces with 72 (65 undersurfaces)</i>
sg1			Grun (Green) <i>Used as a camouflage color for upper surface on aircraft operating over the sea (msl=10G 3/1.)</i>

RLM 74

Source	FS	HU	Name, usage & notes
aem	36081 (darkened ?)	HF5	Dunkelgrau
aef	36081	+123	Dunkelgrau
card	36081		Graugrun RLM 74
dlc	36081		Grungrau - RLM 74 variant #1 Grey-green R/G/B=56/60/59 C/M/Y/K=77/63/65/27
	16099		Grungrau - RLM 74 variant #2 Grey-green R/G/B=88/101/107 C/M/Y/K=67/52/51/6
fal	36081	HG4	Dunkelgrau (Dark grey) <i>With 75 and 76 for new "Splinter camouflage"</i>
ufc	34086 36081	108, 27 91*27+2*29+1*34+1*109	RLM 74 Graugrun <i>Top camouflage on fighter aircraft from 1941. Also referred as to Dunkelgrau</i>
lrc	37200		Dunkelgrau, Grunlich RAL7015, RGB=45/60/47 1942-45 <i>Fighter camouflage, upper surfaces with 75 (76 undersurfaces)</i>
sg2	16099		Dunkelgrau (Dark grey) Used as a camouflage color for upper surfaces (msl=5B 3/1)
wad		27	RLM 74 Gray Green

RLM 75

Source	FS	HU	Name, usage & notes
aem	36231 (lightened)	27	Mittelgrau
aef	36132	106	Mittelgrau
card	36132		Mittelgrau RLM 74
dlc	26231		Grau Violett Grey-green R/G/B=101/93/92 C/M/Y/K=60/55/55/6
fal	36293	27/M2	(Mittel) Grau (Medium grey) <i>With 74 and 76 for new "Splinter camouflage"</i>
ufc	26122 26132	16*34+7*33+3*70 4*106+1*98	RLM 75 Grauviolett <i>Top camouflage on fighter aircraft from 1941. Also referred as to Mittelgrau</i>
lrc	26122		Mittelgrau RAL7001 RGB=141/149/155, 1942-45 <i>Fighter camouflage, upper surfaces with 74 (day) or 76 (night) and (76 undersurfaces</i>
sg2	26152		Grau (grey) <i>Used as a camouflege color for upper surfaces (msl=5BP 4/1)</i>
wad			RLM 75 Grey-Violet

RLM 76

Source	FS	HU	Name, usage & notes
aem	35414 35622	HG3	Hellgrau „LG12 is closer to the original“
aef	35622	+122	Hellgrau
card	36473 14673		Lichtblau RLM 76 (Aircraft Grey)
dlc	36473		Licht Blau Light Blue R/G/B=201/209/210 C/M/Y/K=16/9/11/0
fal	35526	HG3	Hellgrau (Light grey) <i>With 74 and 75 for new “Splinter camouflage”</i>
ufc	35622 36473 35414	175 60*103+6*25+1*34 2*76+1*34+1*87	RLM 76 Lichtblau <i>Lower surfaces on fighter a/c. Also used extensively for night fighters</i>
lrc	36473		Lichtblau RGB=182/194/192, 1942-45 <i>Fighter camouflage, undersurfaces (with 74/75 or 81/82 upper surfaces), overall (high-altitude and night)</i>
	36473(?)		Graugrun (variation) RGB=160/178/161
	36473(?)		Graublau (variation) RGB=148/163/160
sg2			Weissblau (White blue) <i>Used as a camouflage color for lower surfaces (msl=7.5B 7/2) “No FS 595a equivalent”</i>
wad		175	RLM 76 White-Blue

RLM 77

Source	FS	HU	Name, usage & notes
dlc	36492		Hell Grau Light Grey R/G/B=229/231/231 C/M/Y/K=7/4/5/0
ufc	36493	9*34+2*28+1*156	RLM 77 Lichtgrau
lrc	36492		Hellgrau RGB=193/197/192, 1942-45 <i>Lettering, toned—down national markings (with 22)</i>
sg2	16492		Hell Grau (Light Grey) <i>Used exclusively for aircraft lettering and national insignia (msl=N7.5)</i>

RLM 78

Source	FS	HU	Name, usage & notes
aef	35414	+65	Hellblau
card	35414		Hellblau RLM 78
dlc	35414		Hellblau Bright Blue R/G/B=114/137/131 C/M/Y/K=52/29/42/1
ufc	35414 35352	67*34+10*109+4*94+1*25 5*4+3*115+3*65	RLM 78 Himmelblau <i>Lower surfaces of Mediterranean scheme</i>
lrc	35414		Hellblau RGB=113/138/132, 1942-45 <i>Tropical camouflage, undersurfaces (with 79/80 upper surfaces)</i>
sg2	35414		Himmelblau (Sky blue) <i>Used as a camouflage color for lower surfaces of tropical aircraft (msl=7.5BF 6/2)</i>

RLM 79

Source	FS	HU	Name, usage & notes
aef	30219	118	Sandgelb
card	30215		Sandgelb RLM 79
dlc	30129		Sand Braun (Sand Brown) R/G/B=99/76/42 C/M/Y/K=55/69/93/11
	33434		Sand Gelb (Sand Yellow) R/G/B=183/125/66 C/M/Y/K=19/51/85/0
fal	30252	HM2	Sand-Gelb (Sand Yellow) <i>Upper surfaces of a/c in desertic areas, with or without 80</i>
ufc	33434	37*73+17*150 4*154+3*94+1*34	RLM 79 Sandbraun <i>Mediterranean scheme</i>
	30215	62	RLM 79a Sandgelb <i>Another variant of RLM 79</i>
lrc	30129		Sandgelb RGB=110/70/44 1942-45 <i>Tropical camouflage, upper surfaces with or without 80 (78 undersurfaces)</i>
sg2			Sand Gelb (Sand yellow) <i>Used as a camouflage color for upper surfaces of tropical aircraft. There is no doubt that two versions of this color existed:</i>
	33433		<i>a bright yellow similar to (RLM) 04, (msl=10YR 7/8)...</i>
	30219		<i>... which is replaced around 1941 by a pinkish tan (msl=7.5 YR 5/4)</i>

RLM 80

Source	FS	HU	Name, usage & notes
aef	30118	142	Olivgrun
	34052	108	Olivgrun Variant
card	30118		Olivegrun RLM 80 (Dark Earth)
dlc	34096		Oliv Grun , Olive Green R/G/B=32/52/31 C/M/Y/K=86/59/88/38
fal	34096	HB1	Grun (Green) <i>Blotches over 79 for desert camouflage</i>
ufc	34052	14*80+3*25+2*33+1*34 3*91+2*75+2*108	RLM 80 Olivegrun <i>Blotches in Mediterranean scheme</i>
lrc	34096		Olivegrun RGB=40/43/26, 1942-45 <i>Tropical camouflage, upper surfaces (with 79)</i>
sg2			Olivgrun (green) Used in conjunction with 79 as a camouflage color for upper surfaces for tropical aircraft. Available evidence suggests the use of two versions of this color also. These are referred to as (RLM) 80 brownish—green (msl=7.5YR 5/4), and (RLM) 80 green , (msl=7.5GY 3/2), <i>the latter being a truer green normally seen in conjunction with 79 tan</i>
	30118		
	14077		

RLM 81

Source	FS	HU	Name, usage & notes
aem	24087	1*66+1*98	Braunviolett
aef	30045	+98	Braunviolett
	34087	165	Braunviolett variant
card	36473		Braunviolett RLM 81 (Olive drab 41)
dlc	36473		Braun Violet - RLM 81 variant #1 R/G/B=65/63/50, C/M/Y/K=71/64/80/25
	30045		Braun Violet - RLM 81 variant #2 R/G/B=56/35/30, C/M/Y/K=69/85/86/35
	34086		Braun Violet - RLM 81 variant #3 R/G/B=29/12/6, C/M/Y/K=76/84/82/56
fal	34096	HG1+HG2	Dunkelgrun (Dark green) <i>With 82 for new "Splinter camouflage (Ar.234B, Me 262, etc.,). Very similar to RLM 70 and 71</i>
ufc	34087 30118 34088	3*150+2*33 3*163+4*108+3*33 85%173+9%153+6%85 155	RLM 81 Braunviolett <i>Late—war topside camouflage</i>
lrc	34086		Braun Violet R/G/B=55/36/30 <i>Fighter camouflage, upper surfaces (with 82)</i>
	30045		Dunkelgrun - Olivbraun R/G/B=36/18/16 As above
sg3	24087		Braunviolett or Dunkelgrun <i>Used as a camouflage color for upper surfaces (msl=5Y 3/1)</i>
wad		85%173+9%153+6%85 155	RLM 81 Brown-Violet

RLM 82

Source	FS	HU	Name, usage & notes
aem	+34096	1*88+1*30	Dunkelgrun
aef	34096	+114	Dunkelgrun
card	34096		Dunkelgrun RLM 82
dlc	34128		Dunkel Grun - RLM 82 variant #1 R/G/B=61/71/56, C/M/Y/K=75/58/80/21
			Dunkel Grun - RLM 82 variant #2 R/G/B=49/55/33, C/M/Y/K=76/62/89/36
fal	+34098	HG2+red	Dunkelgrun (Dark green) <i>With 81 for new "Splinter camouflage (Ar.234B, Me 262, etc.)</i>
ufc	34096	6*116+6*177+1*163 105	Lichtgrun <i>Late—war topside camouflage. Often confused with 83</i>
lrc	34128		Hellgrun R/G/B=56/59/50 <i>Fighter camouflage, upper surfaces (with 81)</i>
sg3	34096		Dunkelgrun <i>Used as a camouflage color for upper surfaces (msl=5GY 3/2)</i>
wad		105	RLM 82 Bright-Green

RLM 83

Source	FS	HU	Name, usage & notes
aem	34138	HF2 with drops of 30	Hellgrun
aef	34128		Lichtgrun
	34138	+80	Lichtgrun variant
card	34138		Lichtgrun RLM 83
dlc	34083		Dunkel Grun - RLM 83 variant #1 R/G/B=77/98/69, C/M/Y/K=69/47/81/8
			Grau Oliv - RLM 83 variant #2 R/G/B=6/9/0, C/M/Y/K=84/72/76/82
	34083		Dunkel Oliv - RLM 83 variant #3 R/G/B=19/23/6, C/M/Y/K=83/71/81/64
ufc	34083 34138	66*3+26*15+5*60+1*24 4*117+1*81 116	Dunkelgrun <i>Late—war topside camouflage. Often confused with 82</i>
lrc	34128		Dunkelgrun RAL=6006, R/G/B=56/59/49 <i>Fighter camouflage with 81</i>
sg3	34138		Hellgrun <i>Used as a camouflage color for upper surfaces (msl=5GY 3/2)</i>
wad		85%117+15%81	RLM 83 Dark Green

RLM 84

Source	FS	HU	Name, usage & notes
card	34432		Graublau RLM 84
dlc	35622		Grau Blau - RLM 84 variant #1 R/G/B=164/184/173, C/M/Y/K=28/12/25/0
	34432		Grau Oliv - RLM 83 variant #2 R/G/B=191/209/163, C/M/Y/K=19/7/37/0
	34554		Dunkel Oliv - RLM 83 variant #3 R/G/B=95/124/58, C/M/Y/K=62/33/93/3
ufc	34554		Yellow – Green (Gelbgrau) <i>Used towards the end of the war.</i> <i>Designation RLM 84 is speculative</i>
lrc	35622		Graublau
	34554		Gelbgrau
	34432		Graublau
sg1		
sg2		
wad		85%117+15%81	RLM 83 Dark Green

RLM ?

Source	FS	HU	Name, usage & notes
ufc	34554		Light Green-Grey <i>Used towards the end of the war on lower surfaces of fighter a/c</i>
sg1		
sg2		

RLM ?

Source	FS	HU	Name, usage & notes
ufc	31310		Red primer <i>Primer color</i>
sg1		
sg2		

RLM 99

Source	FS	HU	Name, usage & notes
lrc	34227		Grun 1943?-45. <i>Primer, fasteners</i>
sg1		
sg2		