

COLOUR CORRESPONDENCE

HEXIS SKINTAC HX20000 range

Intended for users :

In the table below, the colours of the HEXIS SKINTAC HX20000 range are listed in various colour spaces.

Definitions :

- The CIE L*a*b* colour space

The L*a*b* space is a colorimetric system based on the visual perception of colours, optimised to measure colour differences. The L*a*b* values are useful to create a spot colour library in the RIP when you want to reproduce them. Using this method is recommended to take most advantage of the printable colour range of your printer.

- The CoatedFOGRA39 standard

The CMYK values match the primary ink quantities required to obtain the closest matching colour on an offset press, according to the CoatedFOGRA39 standard. As this colorimetric space features a limited colour range, many SKINTAC HX20000 references are not reproducible in this system.

- The colorimetric spaces sRGB and ADOBE RGB (1998)

The RGB values match the level of red, green and blue light necessary for the reproduction of colours on a calibrated and standardised screen according to the sRGB or ADOBE RGB (1998) standard. The sRGB data are dedicated to the display on the internet.

The ADOBE RGB (1998) standard originates from the photography industry and the need for a RGB space dedicated to printing.

All values in this document are provided for information purposes and are non-binding by any means.

Reproducing a colour on a printing system requires to be accurately calibrated and characterised by an ICC profile adapted to this system.

The HEXIS ICC profiles, being available for free download, match your machine-media-RIP configuration and thus ensure a quality colour rendering. Each configuration requires the use of a different ICC profile.

These tools are available at the following address: <http://www.hexis-graphics.com/fr/iccs/index>

It is the responsibility of the user to check the printed colour against the reference of the colour chart in order to assess the differences in colours and their acceptability. All colours of the HEXIS SKINTAC HX20000 colour chart cannot be printed on a large format plotter. Only those in the printer gamut can be printed.

HEXIS decline all liability for direct or indirect consequences of the use of these tables.

SKINTAC HX20000 colour chart characterisation table

SKINTAC HX20000	Espace colorimétrique												
	Lab D50 2°			CoatedFOGRA39				sRGB			Adobe RGB (1998)		
Référence	L	a	b	C	M	J	K	R	G	B	R	G	B
HX20002B	96,48	-0,75	2,21	0	0	5	0	255	241	206	253	241	207
HX20002M	97,04	-0,78	2,75	0	0	5	0	255	241	206	255	243	208
HX20003B	96,53	-1,69	1,31	1	0	4	0	254	241	207	252	242	209
HX20003M	97,38	-1,35	0,88	1	0	4	0	255	242	210	253	243	211
HX20008B	34,18	33,46	-31,2	66	90	5	1	120	56	114	106	59	112
HX20028B	76,83	31,29	103,41	0	40	100	0	255	163	0	244	161	0
HX20108B	91,65	-6,54	88,76	2	0	91	0	254	229	0	248	229	22
HX20108M	92,29	-6,02	85,23	0	0	86	0	255	230	0	250	230	40
HX20109B	85,96	6,73	100,05	0	15	100	0	255	204	0	243	203	0
HX20123B	82,13	16,51	107,28	0	25	100	0	255	187	0	244	186	0
HX20163B	76,24	32,71	39,97	0	44	53	0	255	161	96	239	159	98
HX20165B	60,62	56,18	78,99	0	71	100	0	246	93	0	215	93	0
HX20165M	62,84	55,3	68,82	0	69	97	0	252	99	0	222	100	9
HX20186B	39,21	65,48	46,77	14	100	100	8	187	0	16	159	0	22
HX20200B	35,29	63,59	49,25	16	100	100	14	173	0	1	147	0	1
HX20200M	37,57	60,2	39,56	19	100	100	11	175	3	22	150	12	28
HX20207B	37,51	61	30,62	18	100	83	12	175	0	34	149	5	41
HX20220B	45,03	66,48	11	9	100	37	2	203	16	78	174	24	78
HX20220M	46,68	62,56	9,36	11	95	36	2	203	39	84	175	44	84
HX20278B	51,94	-56,25	1,4	97	2	65	0	0	145	101	57	144	103
HX20280B	19,77	12,14	-47,27	100	86	32	18	33	43	103	41	47	102
HX20281B	13,86	13,96	-39,94	100	90	36	40	31	29	80	36	34	80
HX20293B	33,37	-5,79	-56,06	100	62	8	1	0	83	148	39	85	145
HX20299B	51,59	-22,99	-47,95	92	24	0	0	0	134	179	70	134	177
HX20300B	27,87	-1,4	-52,64	100	71	19	6	0	68	129	34	70	127
HX20338B	76,39	-35,28	4,91	54	0	39	0	128	205	152	153	203	153
HX20348B	40,09	-61,2	13,6	100	20	93	12	0	114	55	22	114	62
HX20369B	59,78	-57,87	51,4	80	0	100	0	9	165	1	94	164	40
HX20375B	73,55	-47,78	58,99	59	0	95	0	113	199	27	143	198	55
HX20375M	73,83	-47,23	56,92	59	0	93	0	115	200	35	145	199	60
HX20428B	81,68	-0,67	1,52	19	13	19	0	212	199	171	209	199	172
HX20445B	39,78	-2,82	-2,2	62	46	47	36	93	93	82	94	94	84
HX20446B	30,66	-2,08	-0,87	67	53	53	52	73	72	62	74	74	65
HX20468B	85,88	3,3	20,88	5	14	35	0	239	207	147	231	207	150
HX20476B	18,64	11,23	17,15	52	72	81	77	66	37	14	62	42	23
HX20485B	46,1	65,32	54,36	5	98	100	1	209	28	8	180	33	15
HX20495B	67,63	49,71	90,52	0	60	100	0	255	120	0	233	119	0
HX20505B	24,32	41,33	12,89	31	100	69	49	113	12	33	98	20	37
HX20532B	9,33	-1,01	-16,23	99	81	51	85	18	27	41	28	33	45
HX20871B	51,62	0,8	30,41	40	38	78	25	138	118	53	133	118	61
HX20877B	64,49	-1,05	-1,56	39	29	31	8	161	153	135	158	153	136

SKINTAC HX20000	Espace colorimétrique												
	Lab D50 2°			CoatedFOGRA39				sRGB			Adobe RGB (1998)		
Référence	L	a	b	C	M	J	K	R	G	B	R	G	B
HX20889B	4,79	0,19	-0,42	91	79	62	98	16	14	11	23	22	20
HX20890B	4,26	0,23	-0,32	91	79	62	98	16	14	11	23	22	19
HX20890M	23,51	0	-0,47	69	60	56	66	59	54	47	60	57	51
HX20905B	15,85	-0,02	-34,55	100	83	40	45	7	39	76	28	44	77
HX20905M	21,64	-1,13	-29,38	100	82	39	29	32	52	82	44	56	83
HX20948B	44,8	-0,05	5,94	50	42	51	31	116	105	82	112	105	84
HX20990B	63,12	-1,1	-2,19	40	30	31	9	158	151	134	155	150	134
HX20990M	71,82	-0,71	-0,9	32	23	26	4	182	172	151	179	171	151
HX20BCMB	53,21	5,38	13,07	36	41	52	25	146	120	87	139	120	90
HX20BFJB	43,98	-46,12	-29,38	100	18	32	9	0	122	131	0	118	127
HX20BFRB	24,53	0,72	-43,02	100	80	31	16	12	54	106	41	57	104
HX20BLPB	94,86	-1,19	4,27	2	1	9	0	251	235	197	247	236	199
HX20BLPM	95,3	-0,9	4,75	0	0	8	0	252	237	199	249	238	201
HX20BSAB	91,65	-1,58	2,98	6	2	10	0	242	229	194	238	228	194
HX20BTIB	74,62	-43,87	-2,33	64	0	37	0	86	202	158	133	202	160
HX20BTUM	45,41	-42,08	-23,54	100	19	38	7	0	124	125	44	124	125
HX20BTXB	85,81	1,53	14,67	9	12	29	0	234	209	158	227	209	160
HX20GANM	23,57	0,34	1,21	66	59	58	67	61	55	46	63	59	50
HX20GGIM	46,81	-3,05	-0,74	57	40	45	27	111	110	95	110	110	96
HX20JMIB	73,03	10,4	80,46	9	30	100	1	223	168	0	209	167	0
HX20MCAB	9,49	4,13	9,32	79	75	64	95	37	25	10	39	31	18
HX20MMAB	28,48	9,91	18,51	42	64	88	61	89	59	29	84	63	37
HX20MMAM	31,09	9,57	16,95	41	61	78	57	95	66	39	89	69	45
HX20NCAB	12,41	-0,14	-1,31	82	72	61	89	38	36	31	39	37	33
HX20NEPB	8,06	0,21	-0,55	91	79	62	98	30	27	22	30	29	26
HX20NEPM	14,18	0,11	-0,31	76	67	61	83	41	38	32	52	50	44
HX20NPRM	12,7	0,18	-0,21	80	71	62	90	35	31	26	39	37	33
HX20Oaub	55,01	42,91	64,02	7	69	100	1	221	104	0	189	93	0
HX20P001B	60,94	1,91	23,73	31	32	61	14	165	142	87	159	142	91
HX20P002B	41,54	50,64	-14,78	36	92	11	1	168	53	107	144	55	104
HX20P003B	43,77	66,88	44,85	9	100	95	2	201	17	30	174	14	32
HX20P004B	27,89	-8,86	-51,27	100	67	22	10	0	72	127	20	74	126
HX20P005B	12,67	26,81	-53,54	100	91	31	33	33	14	95	35	27	96
HX20P006B	27,37	-58,67	3,21	100	28	89	41	0	81	47	0	85	55
HX20PCAB	61,13	55,09	-4,78	0	72	0	0	236	98	137	207	98	135
HX20RDRB	59,73	37,8	-6,1	13	62	11	0	211	115	137	188	113	134
HX20RGRB	32,11	54,74	30,63	24	100	93	25	153	4	26	130	0	28
HX20RINB	48,26	61,88	-6,66	11	89	5	0	208	55	114	175	57	111
HX20VBYB	26,76	29,89	-31,25	79	99	16	6	97	46	99	84	45	96
HX20VMIN	26,02	0,1	6,99	61	56	70	65	68	61	43	68	63	47
HX8B05B	50,84	4,71	-41,47	69	49	0	0	111	119	168	112	118	165

SKINTAC HX20000 and PANTONE/RAL colour chart correspondence table

The colorimetric correspondences below, between the SKINTAC HX20000 and PANTONE/RAL colours, as well as the colour differences stated in ΔE 2000, are provided for information purposes only and are not contractual.

It is the user's responsibility to visually compare the physical colour charts in order to assess the differences in colours and their acceptability. HEXIS decline all liability for direct or indirect consequences of the use of these tables.

For each match, a coloured icon tells you if the closest HEXIS colours are: very close (●), acceptable (●) or remote (●).

SKINTAC HX20000	PANTONE	ΔE 2000	=	RAL K7	ΔE 2000	=
HX20002B	PANTONE Cool Gray 1 C	6,3	●	RAL 9003	1,8	●
HX20002M	PANTONE Cool Gray 1 C	6,8	●	RAL 9016	1,8	●
HX20003B	PANTONE Cool Gray 1 C	6,5	●	RAL 9003	3,3	●
HX20003M	PANTONE 7541 C	6,8	●	RAL 9003	3,7	●
HX20008B	PANTONE 7664 C	2,8	●	RAL 4008	8,6	●
HX20028B	PANTONE 2010 C	2,3	●	RAL 1028	1,1	●
HX20108B	PANTONE 3945 C	1,7	●	RAL 1016	3,5	●
HX20108M	PANTONE 3945 C	2,3	●	RAL 1016	3,2	●
HX20109B	PANTONE 109 C	0,5	●	RAL 1021	3,9	●
HX20123B	PANTONE 7548 C	2,2	●	RAL 1021	3,7	●
HX20163B	PANTONE 163 C	1,6	●	RAL 2003	10,2	●
HX20165B	PANTONE Orange 021 C	2,7	●	RAL 2008	3,7	●
HX20165M	PANTONE 165 C	2,3	●	RAL 2004	4,1	●
HX20186B	PANTONE 7621 C	4,0	●	RAL 3000	2,4	●
HX20200B	PANTONE 484 C	5,9	●	RAL 3001	3,4	●
HX20200M	PANTONE 7628 C	3,5	●	RAL 3002	1,0	●
HX20207B	PANTONE 187 C	1,3	●	RAL 3031	3,4	●
HX20220B	PANTONE 214 C	2,8	●	RAL 4010	4,6	●
HX20220M	PANTONE 7635 C	1,4	●	RAL 4010	3,3	●
HX20278B	PANTONE 3278 C	2,3	●	RAL 6024	10,2	●
HX20280B	PANTONE 2147 C	2,0	●	RAL 5002	0,8	●
HX20281B	PANTONE 2758 C	2,1	●	RAL 5026	4,4	●
HX20293B	PANTONE 2935 C	1,5	●	RAL 5017	4,3	●
HX20299B	PANTONE 2192 C	2,5	●	RAL 5012	5,2	●
HX20300B	PANTONE 2945 C	2,9	●	RAL 5005	1,7	●
HX20338B	PANTONE 338 C	0,9	●	RAL 6027	10,1	●
HX20348B	PANTONE 3415 C	2,9	●	RAL 6029	3,8	●
HX20369B	PANTONE 361 C	3,8	●	RAL 6018	5,0	●
HX20375B	PANTONE 7488 C	3,0	●	RAL 6018	14,1	●
HX20375M	PANTONE 7488 C	2,7	●	RAL 6018	14,1	●
HX20428B	PANTONE 420 C	1,7	●	RAL 7047	1,0	●
HX20445B	PANTONE 425 C	3,5	●	RAL 7012	0,5	●
HX20446B	PANTONE 7540 C	4,7	●	RAL 7043	2,9	●
HX20468B	PANTONE 7506 C	2,0	●	RAL 1015	1,8	●
HX20476B	PANTONE 476 C	5,8	●	RAL 8014	4,9	●
HX20485B	PANTONE 485 C	3,8	●	RAL 2002	1,9	●
HX20495B	PANTONE 151 C	3,3	●	RAL 2011	6	●

SKINTAC HX20000	PANTONE	ΔE 2000	=	RALK7	ΔE 2000	=
HX20505B	PANTONE 7421 C	4,0	●	RAL 3004	3,4	●
HX20532B	PANTONE 296 C	3,5	●	RAL 5011	2,4	●
HX20871B	PANTONE 871 C	3,7	●	RAL 8000	7,2	●
HX20877B	PANTONE Cool Gray 7 C	1,7	●	RAL 7040	1,5	●
HX20889B	PANTONE 419 C	5,7	●	RAL 9017	1,2	●
HX20890B	PANTONE 419 C	6,0	●	RAL 9017	1,4	●
HX20890M	PANTONE 447 C	4,4	●	RAL 7021	4,0	●
HX20905B	PANTONE 648 C	1,2	●	RAL 5003	4,0	●
HX20905M	PANTONE 654 C	2,6	●	RAL 5003	3,2	●
HX20948B	PANTONE 417 C	3,3	●	RAL 7039	1,0	●
HX20990B	PANTONE Cool Gray 7 C	1,6	●	RAL 7040	1,8	●
HX20990M	PANTONE Cool Gray 5 C	1,2	●	RAL 9006	4,7	●
HX20BCMB	PANTONE 7504 C	4,6	●	RAL 1035	5,4	●
HX20BFJB	PANTONE 2231 C	2,2	●	RAL 5021	6,8	●
HX20BFRB	PANTONE 654 C	2,0	●	RAL 5005	3,5	●
HX20BLPB	PANTONE Cool Gray 1 C	6,7	●	RAL 9016	0,6	●
HX20BLPM	PANTONE Cool Gray 1 C	7,1	●	RAL 9016	1,3	●
HX20BSAB	PANTONE Cool Gray 1 C	4,5	●	RAL 9016	2,4	●
HX20BTIB	PANTONE 3255 C	2,6	●	RAL 6027	8,8	●
HX20BTUM	PANTONE 7713 C	1,5	●	RAL 5021	5,5	●
HX20BTXB	PANTONE 468 C	5,0	●	RAL 1015	3,0	●
HX20GANM	PANTONE Black 7 C	2,5	●	RAL 7022	4,4	●
HX20GGIM	PANTONE 424 C	3,5	●	RAL 7005	3,7	●
HX20JMIB	PANTONE 110 C	2,0	●	RAL 1004	2,1	●
HX20MCAB	PANTONE Black 4 C	4,5	●	RAL 8022	8,0	●
HX20MMAB	PANTONE 2322 C	3,2	●	RAL 8028	3,1	●
HX20MMAM	PANTONE 462 C	3,1	●	RAL 8028	4,2	●
HX20NCAB	PANTONE 426 C	2,7	●	RAL 9011	0,8	●
HX20NEPB	PANTONE 419 C	4,1	●	RAL 9017	1,6	●
HX20NEPM	PANTONE 419 C	2,0	●	RAL 9005	1,7	●
HX20NPRM	PANTONE 419 C	2,0	●	RAL 9005	0,8	●
HX20OAUB	PANTONE 717 C	1,5	●	RAL 2010	2,9	●
HX20P001B	PANTONE 7503 C	3,0	●	RAL 1020	2,4	●
HX20P002B	PANTONE 2063 C	1,1	●	RAL 4006	3,7	●
HX20P003B	PANTONE 186 C	2,5	●	RAL 3020	3,5	●
HX20P004B	PANTONE 2186 C	1,7	●	RAL 5017	1,9	●
HX20P005B	PANTONE 2748 C	2,9	●	RAL 5022	7,8	●
HX20P006B	PANTONE 3292 C	8,9	●	RAL 6016	8,3	●
HX20PCAB	PANTONE 2038 C	2,0	●	RAL 4003	5,3	●
HX20RDRB	PANTONE 7431 C	3,1	●	RAL 4003	6,7	●
HX20RGRB	PANTONE 7622 C	3,2	●	RAL 3003	2,0	●
HX20RINB	PANTONE 219 C	3,9	●	RAL 4010	4,1	●
HX20VBYB	PANTONE 269 C	1,4	●	RAL 4008	13,3	●

SKINTAC HX20000	PANTONE	ΔE 2000	=	RALK7	ΔE 2000	=
HX20VMIN	PANTONE Black 7 C	5,1	●	RAL 7022	4,0	●
HX8B05B	PANTONE 2130 C	2	●	RAL 5024	6,6	●