

HEXIS SKINTAC HX2000 Series

FOR THE ATTENTION OF USERS

In the tables below, the colors of the HEXIS SKINTAC HX2000 range are given in different color spaces.

Definitions

CIE L*a*b* Space

The CIE L*a*b* space is a colorimetric system based on the visual perception of colors, optimized to measure color shift.

L*a*b* values are useful to create a spot colors library in RIP software when you wish to reproduce them. This method should be preferred in order to make the most of your printer's range printable colors.

The Coated FOGRA39 standard

CMYK values correspond to the quantities of primary inks needed to obtain, according to the Coated FOGRA39 standard, the closest color on an offset press. Since this colorimetric space has a limited range of colors, many SKINTAC HX2000 references cannot be reproduced within this system.

Colorimetric spaces sRGB and ADOBE RGB (1998)

RGB values are the amount of red, green and blue light required to reproduce the colors on a calibrated screen and normalized to the sRGB or ADOBE RGB (1998) standard. The sRGB data is dedicated to the display on the internet.

ADOBE RGB (1998) comes from the world of professional photography and the need for a dedicated RGB space to the printing business.

The values in this document are indicative and not contractual

Reproducing a color on a printing system requires that it be calibrated and accurately characterized through an ICC profile suitable for that system.

Hexis offers, a custom profile creation service or free, ICC profiles download that match your machine-media-RIP configuration, and thus ensures a quality colorimetric rendering. Each configuration requires a different ICC profile. These tools are available on the Hexis website at : <http://www.hexis-graphics.com/en/iccs/index>.

It is the user's responsibility to visually compare the printed color with the reference of the color chart in order to assess the differences in color and their acceptability. Not all colors of the HEXIS SKINTAC HX2000 color chart can be printed on a large-format printer. Only those that belong to the printer gamut can be printed.

Hexis takes no responsibility for the direct or indirect consequences of using these tables.

Color Characterization Table for SKINTAC HX2000

SKINTAC	Color space												
	Lab D50 2°			CoatedFOGRA39				sRGB			Adobe RGB (1998)		
Reference	L	a	b	C	M	Y	K	R	G	B	R	G	B
HX20001B	92,85	-0,19	-2,09	4	3	4	0	247.29	232.63	206.38	243	232	206
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
HX20BSAB	91,65	-1,58	2,98	6	2	10	0	242	229	194	238	228	194
HX20BLPB	94,86	-1,19	4,27	2	1	9	0	251	235	197	247	236	199
HX20BNCS	80,7	0,49	8,22	18	16	27	1	217	198	158	211	197	159
HX20BTXB	85,81	1,53	14,67	9	12	29	0	234	209	158	227	209	160
HX20468B	85,88	3,3	20,88	5	14	35	0	239	207	147	231	207	150
HX20BCMB	53,21	5,38	13,07	36	41	52	25	146	120	87	139	120	90
HX20P001B	60,42	2,69	25,24	31	33	62	15	168	142	84	159	141	88
HX20871B	51,62	0,8	30,41	40	38	78	25	138	118	53	133	118	61
HX20613B	100,98	-27,8	121,94	20	0	100	0	249	255	0	254	255	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
HX20JMIB	73,03	10,4	80,46	9	30	100	1	223	168	0	209	167	0
HX20558B	59,16	-12,18	65,31	46	25	100	8	147	146	0	146	145	0
HX20495B	68	49,17	89,21	0	59	100	0	255	122	0	234	121	0
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
HX200AUB	55,01	42,91	64,02	7	69	100	1	221	104	0	189	93	0

Color Characterization Table for SKINTAC HX2000

SKINTAC	Color space												
	Lab D50 2°			CoatedFOGRA39				sRGB			Adobe RGB (1998)		
Reference	L	a	b	C	M	Y	K	R	G	B	R	G	B
HX20485B	46,1	65,32	54,36	5	98	100	1	209	28	8	180	33	15
HX20R05B	42,33	69,23	57,29	7	100	100	3	203	0	0	173	0	0
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
HX20RGRB	32,11	54,74	30,63	24	100	93	25	153	4	26	130	0	28
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
HX20RINB	48,26	61,88	-6,66	11	89	5	0	208	55	114	175	57	111
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
HX20518B	28,58	46,5	-23,24	61	100	19	11	124.43	20.56	91.09	107	27	90
HX20008B	34,18	33,46	-31,2	66	90	5	1	120	56	114	106	59	112
HX20352B	10,61	15,48	-7,97	86	90	52	83	47.15	19.24	33.58	45	26	38
HX20VBYB	26,76	29,89	-31,25	79	99	16	6	97	46	99	84	45	96
HX20646B	42,42	-8,07	-28,14	83	50	23	6	73	104	127	84	104	126
HX20299B	51,59	-22,99	-47,95	92	24	0	0	0	134	179	70	134	177
HX20280B	19,77	12,14	-47,27	100	86	32	18	33	43	103	41	47	102
HX20P005B	12,67	26,81	-53,54	100	91	31	33	33	14	95	35	27	96
HX20281B	13,86	13,96	-39,94	100	90	36	40	31	29	80	36	34	80
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
HX20B11B	37,5	-34,07	-35,03	100	34	25	14	0.00	102.84	125.90	14	103	124
HX20BFJB	43,98	-46,12	-29,38	100	18	32	9	0	122	131	0	118	127

Color Characterization Table for SKINTAC HX2000

SKINTAC	Color space												
	Lab D50 2°			CoatedFOGRA39				sRGB			Adobe RGB (1998)		
Reference	L	a	b	C	M	Y	K	R	G	B	R	G	B
HX20315B	35,24	-34,07	-27,71	100	34	33	22	0	97	110	24	97	109
HX20033B	10,91	-1,63	-17,38	100	82	48	76	19	30	45	29	36	48
HX20532B	9,33	-1,01	-16,23	99	81	51	85	18	27	41	28	33	45
HX20266S	74,73	-40,52	61,78	53	0	94	0	137,03	201,90	21,43	158	200	53
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
HX20228B	58,71	-48,94	56,24	76	0	100	0	65	161	0	104	160	27
HX20228M	61,24	-48,75	54,55	73	0	100	0	73	168	0	111	166	38
HX20369B	59,78	-57,87	51,4	80	0	100	0	9	165	1	94	164	40
HX20V16B	59,16	-83,07	48,97	95	0	100	0	0,00	172,55	10,72	55	171	43
HX20348B	40,09	-61,2	13,6	100	20	93	12	0	114	55	22	114	62
HX20V14B	10,95	-13,95	7,27	89	69	70	89	12	34	14	27	39	22
HX20VMIM	26,02	0,1	6,99	61	56	70	65	68	61	43	68	63	47
HX20428B	81,68	-0,67	1,52	19	13	19	0	212	199	171	209	199	172
HX20877B	64,49	-1,05	-1,56	39	29	31	8	161	153	135	158	153	136
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
HX20948B	44,8	-0,05	5,94	50	42	51	31	116	105	82	112	105	84
HX20GGIM	46,81	-3,05	-0,74	57	40	45	27	111	110	95	110	110	96
HX20G06B	43,48	-1,39	-2,04	57	44	44	30	106	103	91	105	102	92
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
HX20G03S	38,04	-0,16	1,13	58	48	50	41	95	89	74	94	89	77
HX20G04S	29,24	-0,46	-1,02	66	55	53	55	72	68	60	73	70	62
HX20GANM	23,57	0,34	1,21	66	59	58	67	61	55	46	63	59	50

Color Characterization Table for SKINTAC HX2000

SKINTAC	Color space												
	Lab D50 2°			CoatedFOGRA39				sRGB			Adobe RGB (1998)		
Reference	L	a	b	C	M	Y	K	R	G	B	R	G	B
HX20423B	21,19	0,44	1,97	66	60	62	73	56	50	40	57	53	45
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
HX20661S	30,65	10,02	12,9	41	62	71	58	95	65	43	88	67	48
HX20476B	18,64	11,23	17,15	52	72	81	77	66	37	14	62	42	23
HX20MCAB	9,49	4,13	9,32	79	75	64	95	37	25	10	39	31	18
HX20N03B	3,28	2,17	0,88	91	79	62	98	18	10	7	23	18	16
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
HX20NPRM	12,7	0,18	-0,21	80	71	62	90	35	31	26	39	37	33
HX20NPRS	16,31	-0,05	-0,68	76	66	60	80	43	40	34	46	44	39
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
HX20NCAB	12,41	-0,14	-1,31	82	72	61	89	38	36	31	39	37	33

Exchange Table between SKINTAC HX2000 and PANTONE/RAL color charts

The following colorimetric correlation, between the references SKINTAC HX2000 and PANTONE/RAL, as well as the color shift expressed in ΔE 2000, are given only as an informative guide to facilitate the search and have no contractual value (colors may be altered by the reproduction quality of documents or screens).

It's the user's responsibility to visually compare the physical color charts in order to assess the differences in color and their acceptability.

Hexis takes no responsibility for the direct or indirect consequences when using these tables.

Delta E is measured on a scale from 0 to 100, where 0 is less color difference, and 100 indicates complete distortion.

How to interpret the data of a DeltaE2000 ?

(Interpretation remains individual)

0 to 1	A normally invisible difference
Above 1 up to 2	Very small difference, only evident for a trained eye
Above 2 up to 3.5	Average difference, also evident for all
Above 3.5 up to 6	An obvious difference
Greater than 6	A very obvious difference

SKINTAC	PANTONE	ΔE 2000	RALK7	ΔE 2000
HX20001B	Pantone 7541 C	3,6	RAL 9003	6,8
HX20002B	Pantone Cool gray 1 C	6,3	RAL 9003	2,0
HX20002M	Pantone Cool gray 1 C	6,8	RAL 9003	1,9
HX20003B	Pantone 7541 C	6,8	RAL 9003	3,9
HX20003M	Pantone 7541 C	6,8	RAL 9003	4,8
HX20BSAB	Pantone Cool gray 1 C	4,5	RAL 9002	7,7
HX20BLPB	Pantone Cool gray 1 C	6,7	RAL 9016	0,6
HX20BNCS	Pantone 7534 C	1,2	RAL 7035	8,0
HX20BTXB	Pantone 468 C	5,0	RAL 9018	17,4
HX20468B	Pantone 7506 C	2,0	RAL 1015	1,5
HX20BCMB	Pantone 7504 C	4,6	RAL 1035	6,6
HX20P001B	Pantone 7503 C	3,2	RAL 1020	3,1
HX20871B	Pantone 871 C	3,7	RAL 8000	8,5
HX20613B	Pantone 395 C	9,8	RAL 1026	4,0
HX20108B	Pantone 3945 C	1,7	RAL 1026	10,4
HX20108M	Pantone 3945 C	2,3	RAL 1026	10,7
HX20109B	Pantone 109 C	0,5	RAL 1021	3,3
HX20123B	Pantone 7548 C	2,2	RAL 1021	4,5

Exchange Table between SKINTAC HX2000 and PANTONE/RAL color charts

SKINTAC	PANTONE	ΔE 2000	RAL K7	ΔE 2000
HX20JMIB	Pantone 110 C	2,0	RAL 1004	2,0
HX20558B	Pantone 384 C	1,4	RAL 1020	18,4
HX20495B	Pantone 2018 C	2,5	RAL 2000	6,1
HX20165B	Pantone orange 021 C	2,7	RAL 2008	4,6
HX20165M	Pantone 1585 C	2,2	RAL 2008	1,9
HX200AUB	Pantone 717 C	1,5	RAL 2010	2,7
HX20485B	Pantone 7626 C	2,7	RAL 2002	2,1
HX20R05B	Pantone 2035 C	5,4	RAL 3020	2,1
HX20186B	Pantone 7621 C	4,0	RAL 2002	2,4
HX20200B	Pantone 484 C	5,9	RAL 3027	15,6
HX20200M	Pantone 7621 C	2,3	RAL 3001	1,2
HX20RGRB	Pantone 7622 C	3,2	RAL 3003	2,1
HX20PCAB	Pantone 2038 C	2,0	RAL 4003	5,6
HX20RDRB	Pantone 7431 C	3,1	RAL 4003	2,5
HX20RINB	Pantone 219 C	3,9	RAL 4010	4,1
HX20220B	Pantone 214 C	2,8	RAL 4010	5,7
HX20220M	Pantone 7635 C	1,4	RAL 4003	15,0
HX20518B	Pantone 255 C	1,7	RAL 4004	20,6
HX20008B	Pantone 7664 C	2,8	RAL 4005	18,3
HX20352B	Pantone 7449 C	6,2	RAL 4007	12,9
HX20VBYB	Pantone 269 C	1,4	RAL 4006	24,9
HX20646B	Pantone 2160 C	1,7	RAL 5023	4,0
HX20299B	Pantone 2192 C	2,5	RAL 5012	6,0
HX20219S	Pantone 7690 C	3,0	RAL 5007	10,5
HX20293B	Pantone 2935 C	1,5	RAL 5005	7,5
HX20P004B	Pantone 2186 C	1,7	RAL 5017	3,4
HX20300B	Pantone 2154 C	2,6	RAL 5015	22,6
HX20905B	Pantone 648 C	1,2	RAL 5002	11,8
HX20905M	Pantone 534 C	2,8	RAL 5003	3,3
HX20236S	Pantone 7546	4,1	RAL 5000	6,2
HX20280B	Pantone 288 C	2,5	RAL 5002	1,0
HX20P005B	Pantone 2748 C	2,9	RAL 5022	14,6

Exchange Table between SKINTAC HX2000 and PANTONE/RAL color charts

SKINTAC	PANTONE	ΔE 2000	RALK7	ΔE 2000
HX20281B	Pantone 2758 C	2,1	RAL 5013	12,6
HX20BTIB	Pantone 3255 C	2,6	RAL 6027	12,7
HX20BTUM	Pantone 7713 C	1,5	RAL 5018	11,3
HX20B11B	Pantone 633	3,5	RAL 5021	14,1
HX20BFJB	Pantone 3145 C	2,5	RAL 5018	17,0
HX20315B	Pantone 315 C	1,5	RAL 5021	11,4
HX20033B	Pantone 289 C	2,4	RAL 5011	2,0
HX20532B	Pantone 296 C	3,5	RAL 5011	2,9
HX20266S	Pantone 2286 C	3,1	RAL 6018	22,8
HX20375B	Pantone 7488 C	3,0	RAL 6017	32,4
HX20375M	Pantone 7488 C	2,7	RAL 6017	31,2
HX20228B	Pantone 7488 C	3,1	RAL 6017	17,5
HX20228M	Pantone 361 C	1,9	RAL 6018	6,4
HX20369B	Pantone 7738 C	4,4	RAL 6018	2,9
HX20V16B	Pantone 354 C	2,7	RAL 6021	26,9
HX20348B	Pantone 3415 C	2,9	RAL 6024	11,1
HX20V14B	Pantone 5605 C	7,4	RAL 6009	6,4
HX20VMIM	Pantone Black 7 C	5,1	RAL 7022	3,9
HX20428B	Pantone 420 C	1,7	RAL 7044	12,4
HX20877B	Pantone 422 C	1,8	RAL 7040	1,5
HX20990B	Pantone Cool Gray 7 C	1,6	RAL 9006	5,2
HX20990M	Pantone Cool Gray 5 C	1,2	RAL 7038	6,9
HX20948B	Pantone 417 C	3,3	RAL 7048	2,3
HX20GGIM	Pantone 424 C	3,5	RAL 7037	8,0
HX20G06B	Pantone Cool Gray 10 C	2,0	RAL 9023	1,8
HX20445B	Pantone 445 C	3,2	RAL 7012	0,5
HX20446B	Pantone 446 C	2,8	RAL 7043	2,8
HX20G03S	Pantone 425 C	4,6	RAL 7010	2,9
HX20G04S	Pantone 446 C	4,5	RAL 7022	7,6
HX20GANM	Pantone Black 7 C	2,5	RAL 8019	7,8
HX20423B	Pantone 447 C	4,4	RAL 7022	6,1
HX20MMAB	Pantone 2322 C	3,2	RAL 8011	5,1
HX20MMAM	Pantone 462 C	3,1	RAL 8008	9,9
HX20661S	Pantone 7589 C	2,0	RAL 8003	16,6

Exchange Table between SKINTAC HX2000 and PANTONE/RAL color charts

SKINTAC	PANTONE	ΔE 2000	RAL K7	ΔE 2000
HX20476B	Pantone 4625 C	4,5	RAL 8017	6,2
HX20MCAB	Pantone Black 4 C	4,5	RAL 6014	15,8
HX20N03B	Pantone 419 C	7,8	RAL 9017	4,0
HX20889B	Pantone Neutral Black C	5,3	RAL 9004	1,7
HX20890B	Pantone Neutral Black C	5,6	RAL 9017	1,5
HX20NPRM	Pantone 419 C	2,0	RAL 9005	0,8
HX20NPRS	Pantone 426 C	2,4	RAL 9011	3,3
HX20NEPB	Pantone 419 C	4,1	RAL 9017	1,4
HX20NEPM	Pantone Neutral Black C	0,6	RAL 9005	1,7
HX20NCAB	Pantone Neutral Black C	1,5	RAL 9011	0,8