

Converting Colors

HunterLab(64.6142, -18.9239,
-39.6374)

Have a look what the booklet for
HunterLab(64.6142, -18.9239,
-39.6374) contains.

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Color

**HunterLab(64.6086,
-18.8457, -39.7934)**

Conversions

Conversions Part 1

Format	Color
Hex	05BAF5
RGB	5, 186, 245
RGB Percent	2%, 73%, 96%
CMY	0.9801, 0.2706, 0.0392
CMYK	0.98, 0.24, 0.00, 0.04
HSL	195°, 96%, 49%
HSV	195°, 98%, 96%
XYZ	34.1030, 41.7427, 92.6461
YIQ	138.6070, -126.8150, -20.0230

Conversions

Conversions Part 2

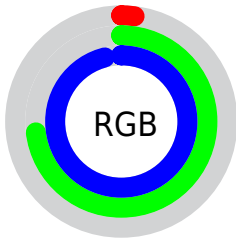
Format	Color
R _Y B	5, 108, 245
Decimal	375541
CIE Lab	70.69, -18.38, -40.05
CIE LCh	71, 44.064, 245.344
Yxy	41.7441, 0.2024, 0.2477
Android (android.graphics.Color)	4278565621 (0xFF05BAF5)
YUV	138.6070, 52.4517, -117.1733
Hunter-Lab	64.6086, -18.8457, -39.7934

Details

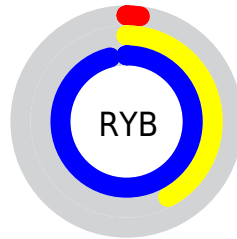
The HunterLab color **64.6086, -18.8457, -39.7934** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **48.0607, 62.6794, 30.5325**, and the grayscale version is **50.4979, -2.6944, 2.7436**.

A 20% lighter version of the original color is **86.1214, -33.6402, -12.6537**, and **45.1729, -10.0413, -34.7858** is the 20% darker color. If you saturate the color by 10%, you get **64.1783, -18.3604, -40.5824**, and if you desaturate by 10%, it is **66.7632, -20.9591, -35.9451**.

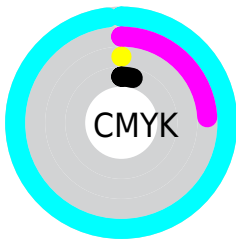
Distribution



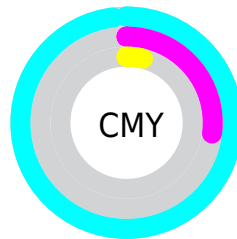
- Red (2%)
- Green (73%)
- Blue (96%)



- Red (2%)
- Yellow (42%)
- Blue (96%)



- Cyan (98%)
- Magenta (24%)
- Yellow (0%)
- Black (4%)



- Cyan (98%)
- Magenta (27%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.6086, -18.8457, -39.7934 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 64.6086, -18.8457, -39.7934 by changing the saturation by 10% instead.

64.6086, -18.8457,
-39.7934

64.6086, -18.8457,
-39.7934

187.9950,
-32.5828, -44.1953

53.7596, -17.2564,
-39.1196

88.2112, -21.9499,
-41.0739

43.5958, -15.6294,
-38.4610

100.8989,
-23.4800, -41.6586

34.1681, -13.9475,
-37.8748

114.1426,
-25.0016, -42.1986

25.5392, -12.1850,
-37.4818

127.9198,
-26.5183, -42.6918

17.7913, -10.2989,
-37.5615

142.2107,
-28.0328, -43.1378

11.0392, -8.3794,
-38.8836

156.9973,

2.7721, -4.8512,

-29.5473, -43.5365

-92.9823

172.2636,
-31.0635, -43.8887

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 64.6086, -18.8457,
-39.7934

■ 64.6086, -18.8457,
-39.7934

■ 64.1783, -18.3604,
-40.5824

■ 66.7632, -20.9591,
-35.9451

■ 69.1307, -22.3115,
-31.8827

■ 71.7345, -22.8133,
-27.5977

■ 74.5809, -22.4450,
-23.1122

■ 77.6687, -21.2229,

-18.4578

■ 80.9919, -19.1874,
-13.6688

■ 84.5411, -16.3929,
-8.7779

■ 88.3055, -12.9014,
-3.8144

■ 92.2733, -8.7773,
1.1968

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.6097, -32.1367, -21.6681



64.6086, -18.8457, -39.7934



64.6097, 0.2003, -45.0458

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.6097, -18.8451, -39.7922



64.6097, 39.8686, 6.8588



64.6097, -24.3876, 26.9508

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



64.6086, -18.8457, -39.7934



48.0607, 62.6794, 30.5325

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.6097, -7.0227, 30.5191



64.6086, -18.8457, -39.7934



64.6097, 31.3199, 21.4237

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.6097, -18.8451, -39.7922



64.6097, 35.7030, -13.8420



64.6097, 13.5349, 28.8619



64.6097, -35.0511, 17.0906

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.6086, -18.8457, -39.7934



64.6097, 13.9997, -39.4918



64.6097, 13.5349, 28.8619



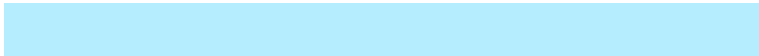
64.6097, -19.2258, 28.7614

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



64.6097, -18.8451, -39.7922



88.0407, -17.5236, -9.7691



81.0406, -67.9018, 45.5126



39.9891, -8.7120, -5.5351

0.0000, NaN, NaN



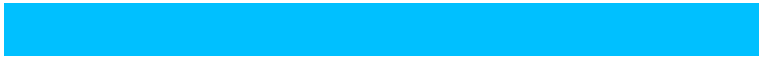
46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.6097, -18.8451, -39.7922



67.1188, -19.1517, -42.5496



32.9968, 43.2875, -134.1339



42.4583, -4.3816, 0.1925



47.3474, -13.8217, -29.3431



14.5964, -4.8819, -7.7056

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



48.0292, 89.0439, -26.1933



50.0788, 93.3871, -26.7522



72.4427, 6.8051, 44.6388



40.8590, 2.8923, -0.2764



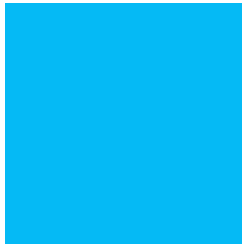
35.1603, 65.6297, -19.2691



10.5010, 19.7314, -6.7651

Previews

White Background



This preview shows how the HunterLab color 64.6086, -18.8457, -39.7934 looks on a white background.

Color Contrast Check

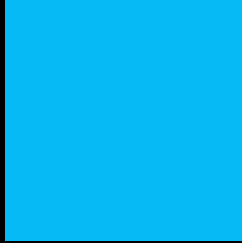
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 64.6086, -18.8457, -39.7934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

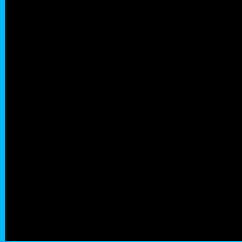
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

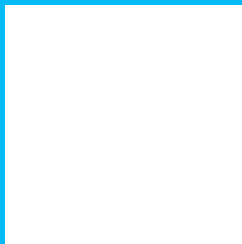
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 64.6086, -18.8457, -39.7934 Background



This preview shows how black text looks on a background with the HunterLab color 64.6086, -18.8457, -39.7934.



This preview shows how white text looks on a background with the HunterLab color 64.6086, -18.8457, -39.7934.

-18.8457, -39.7934.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

64.6086, -18.8457, -39.7934

Protanopia

64.0876, 5.0498, -31.0500

Deuteranopia

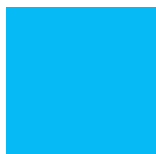
64.2275, 5.6007, -43.0580



Tritanopia

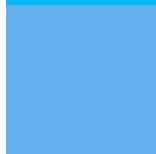
64.5893, -30.7548, -14.3404

Trichromacy



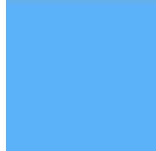
Original Color

64.6086, -18.8457, -39.7934



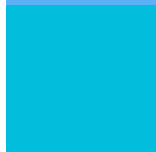
Protanomaly

62.8361, -8.0618, -37.0211



Deuteranomaly

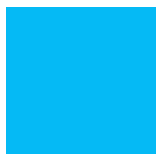
63.3272, -6.8627, -44.2437



Tritanomaly

64.4790, -26.6295, -22.9957

Monochromacy



Original Color

64.6086, -18.8457, -39.7934



Achromatopsia

50.8117, -2.7112, 2.7607



Achromatomaly

54.0046, -14.7160, -13.2220

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.6086, -18.8457, -39.7934 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(5, 186, 245)` looks like.

```
.text, #text, p{  
    color:rgb(5, 186, 245)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(5, 186, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 186, 245) }
```

Border

The CSS property to change the border of an element to HunterLab 64.6086, -18.8457, -39.7934 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(5, 186, 245) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(5, 186, 245) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(5, 186, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 186, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 186, 245);  
box-shadow:4px 4px 4px 4px rgb(5, 186,  
245) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.6086, -18.8457, -39.7934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 186, 245) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(5, 186,  
245) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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