

Converting Colors

HunterLab(45.5866, -47.0188,
-86.4934)

Have a look what the booklet for
HunterLab(45.5866, -47.0188,
-86.4934) contains.

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Color

**HunterLab(56.0804, -5.7316,
-57.7227)**

Conversions

Conversions Part 1

Format	Color
Hex	009FF6
RGB	0, 159, 246
RGB Percent	0%, 62%, 96%
CMY	0.9997, 0.3765, 0.0353
CMYK	1.00, 0.35, 0.00, 0.04
HSL	201°, 100%, 48%
HSV	201°, 100%, 96%
XYZ	29.0327, 31.4501, 91.7291
YIQ	121.3770, -122.6910, -6.6510

Conversions

Conversions Part 2

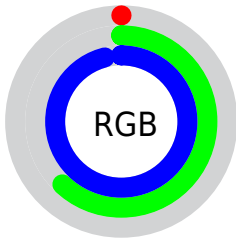
Format	Color
RYB	0, 97, 246
Decimal	40950
CIELab	62.89, -3.29, -52.88
CIELCh	63, 52.983, 266.440
Yxy	31.4511, 0.1907, 0.2066
Android (android.graphics.Color)	4278231030 (0xFF009FF6)
YUV	121.3770, 61.4391, -106.4476
Hunter-Lab	56.0804, -5.7316, -57.7227

Details

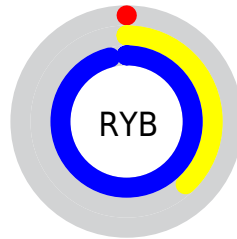
The HunterLab color **56.0804, -5.7316, -57.7227** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **51.4013, 53.8881, 32.6143**, and the grayscale version is **43.6847, -2.3309, 2.3735**.

A 20% lighter version of the original color is **76.2388, -20.3910, -26.9543**, and **37.9463, 2.0272, -51.8059** is the 20% darker color. If you saturate the color by 10%, you get **56.0732, -5.7196, -57.7396**, and if you desaturate by 10%, it is **58.9512, -9.3728, -51.5293**.

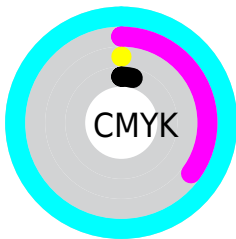
Distribution



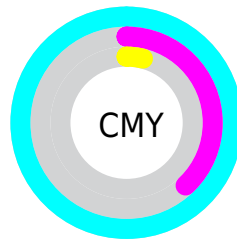
- Red (0%)
- Green (62%)
- Blue (96%)



- Red (0%)
- Yellow (38%)
- Blue (96%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (38%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.0804, -5.7316, -57.7227 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 56.0804, -5.7316, -57.7227 by changing the saturation by 10% instead.

■ 56.0804, -5.7316,
-57.7227

■ 56.0804, -5.7316,
-57.7227

175.6733,
-13.4058, -64.1250

■ 45.7631, -4.9967,
-57.1470

■ 78.7081, -7.2723,
-59.1751

■ 36.1691, -4.2873,
-56.8177

■ 90.9441, -8.0795,
-59.9485

■ 27.3588, -3.6017,
-56.9710

■ 103.7558, -8.9105,
-60.7166

■ 19.4094, -2.9380,
-58.1242

■ 117.1183, -9.7648,
-61.4649

■ 12.4268, -2.2912,
-61.6112

■ 131.0097,
-10.6419, -62.1845

■ 5.6530, -2.8380,
-85.0887

145.4107,

0.0000, NaN, -NF

-11.5414, -62.8698

0.0000, NaN, -NF

160.3038,
-12.4628, -63.5173

0.0000, NaN, -NF

■ 56.0804, -5.7316,
-57.7227

■ 56.0804, -5.7316,
-57.7227

■ 56.0732, -5.7196,
-57.7396

■ 58.9512, -9.3728,
-51.5293

■ 62.0676, -12.2195,
-45.2559

■ 65.4584, -14.1455,
-38.8857

■ 69.1205, -15.1516,
-32.4627

■ 73.0429, -15.2783,
-26.0318

■ 77.2109, -14.5882,
-19.6310

■ 81.6082, -13.1536,
-13.2886

■ 86.2184, -11.0490,
-7.0239

■ 91.0253, -8.3463,
-0.8483

Harmonies

Analogous

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



56.0813, -25.5257, -44.8876



56.0804, -5.7316, -57.7227



56.0813, 18.2142, -49.5822

Triad

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



56.0813, -5.7306, -57.7214



56.0813, 42.6443, 18.8128



56.0813, -35.4542, 21.7668

Complementary

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



56.0804, -5.7316, -57.7227



51.4013, 53.8881, 32.6143

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.



56.0813, -21.4569, 29.2592



56.0804, -5.7316, -57.7227



56.0813, 23.7709, 28.1032

Square

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



56.0813, -5.7306, -57.7214



56.0813, 48.6574, 0.3613



56.0813, -0.2067, 30.9905



56.0813, -40.8408, 5.6169

Rectangle

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



56.0804, -5.7316, -57.7227



56.0813, 33.0113, -34.6309



56.0813, -0.2067, 30.9905



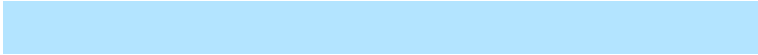
56.0813, -31.7234, 25.0825

Sweetspot

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



56.0813, -5.7306, -57.7214



84.9686, -13.7176, -13.8989



81.6007, -67.0214, 42.6892



38.4026, -6.6787, -7.7174

0.0000, NaN, NaN



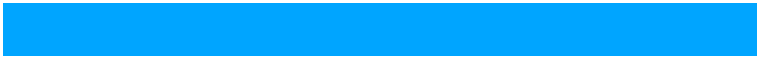
46.2646, -2.4686, 2.5136

Same Dimension

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



56.0813, -5.7306, -57.7214



58.3569, -5.8724, -60.2641



28.2401, 59.9041, -164.6043



42.0877, -3.7817, -0.2534



41.2993, -4.7137, -41.4449



13.0082, -2.5878, -10.6727

Inverse Universe

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



47.0083, 85.8197, -10.9028



48.9582, 89.3756, -11.2569



80.7767, -6.9273, 49.6515



40.8202, 2.6849, 0.2740



34.3820, 62.8453, -8.5198



10.2881, 18.9728, -3.8483

Previews

White Background



This preview shows how the HunterLab color 56.0804, -5.7316, -57.7227 looks on a white background.

Color Contrast Check

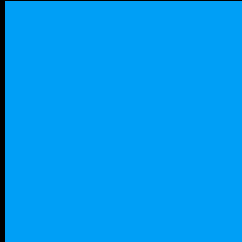
Large Text (above 18pt) WCAG AA × Fail

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 56.0804, -5.7316, -57.7227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

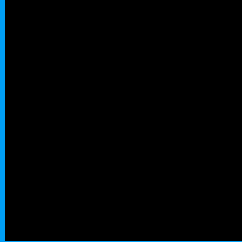
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

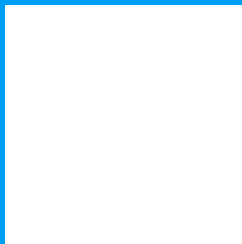
Any Text WCAG AAA ✓ Pass

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

HunterLab 56.0804, -5.7316, -57.7227 Background



This preview shows how black text looks on a background with the HunterLab color 56.0804, -5.7316, -57.7227.

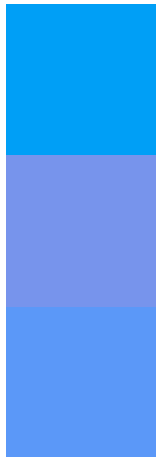


This preview shows how white text looks on a background with the HunterLab color 56.0804, -5.7316,

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

56.0804, -5.7316, -57.7227

Protanopia

55.8192, 8.9252, -49.7394

Deuteranopia

56.0874, 5.2346, -59.2255



Tritanopia

55.9469, -26.9471, -11.7578

Trichromacy



Original Color

56.0804, -5.7316, -57.7227

Protanomaly

55.0311, 0.7995, -54.8941

Deuteranomaly

55.7294, -0.6210, -59.2885

Tritanomaly

55.9195, -20.1183, -26.4649

Monochromacy



Original Color

56.0804, -5.7316, -57.7227

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

46.5391, -10.0748, -17.4599

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.0804, -5.7316, -57.7227 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(0, 159, 246)` looks like.

```
.text, #text, p{  
    color:rgb(0, 159, 246)  
}
```

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(0, 159, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 159, 246) }
```

Border

The CSS property to change the border of an element to HunterLab 56.0804, -5.7316, -57.7227 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(0, 159, 246) }
```


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

```
.border{ border-color:rgb(0, 159, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 159, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 159, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 159, 246);  
box-shadow:4px 4px 4px 4px rgb(0, 159,  
246) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.0804, -5.7316, -57.7227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 159, 246) }
```

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

```
.background{ background-color: rgb(0, 159,  
246) }
```

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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