

Converting Colors

HunterLab(48.2114, -46.6502,
-81.7594)

Have a look what the booklet for
HunterLab(48.2114, -46.6502,
-81.7594) contains.

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Color

**HunterLab(58.0946, -7.7860,
-55.8054)**

Conversions

Conversions Part 1

Format	Color
Hex	00A5F9
RGB	0, 165, 249
RGB Percent	0%, 65%, 98%
CMY	0.9997, 0.3529, 0.0235
CMYK	1.00, 0.34, 0.00, 0.02
HSL	200°, 100%, 49%
HSV	200°, 100%, 98%
XYZ	30.5540, 33.7498, 94.5266
YIQ	125.2410, -125.3040, -8.8560

Conversions

Conversions Part 2

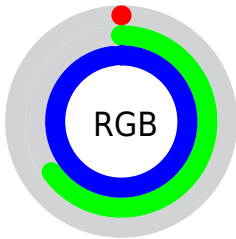
Format	Color
RYB	0, 99, 249
Decimal	42489
CIELab	64.76, -5.60, -51.54
CIELCh	65, 51.848, 263.797
Yxy	33.7509, 0.1924, 0.2125
Android (android.graphics.Color)	4278232569 (0xFF00A5F9)
YUV	125.2410, 61.0132, -109.8364
Hunter-Lab	58.0946, -7.7860, -55.8054

Details

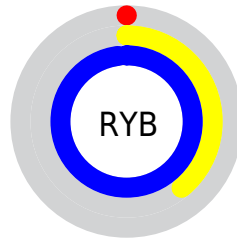
The HunterLab color **58.0946, -7.7860, -55.8054** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **51.4704, 56.4283, 32.7013**, and the grayscale version is **45.1930, -2.4114, 2.4554**.

A 20% lighter version of the original color is **78.6040, -23.5619, -23.3385**, and **39.8000, 0.0087, -49.7653** is the 20% darker color. If you saturate the color by 10%, you get **58.0874, -7.7744, -55.8216**, and if you desaturate by 10%, it is **60.9001, -11.2569, -49.9245**.

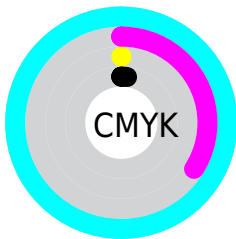
Distribution



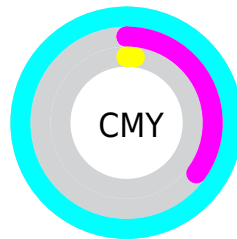
- Red (0%)
- Green (65%)
- Blue (98%)



- Red (0%)
- Yellow (39%)
- Blue (98%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (35%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.0946, -7.7860, -55.8054 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 58.0946, -7.7860, -55.8054 by changing the saturation by 10% instead.

■ 58.0946, -7.7860,
-55.8054

■ 58.0946, -7.7860,
-55.8054

178.6113,
-16.4062, -62.0580

■ 47.6469, -6.9175,
-55.1798

■ 80.9605, -9.5708,
-57.2796

■ 37.9128, -6.0646,
-54.7493

■ 93.3068, -10.4908,
-58.0429

■ 28.9502, -5.2229,
-54.7054

■ 106.2236,
-11.4296, -58.7931

■ 20.8321, -4.3865,
-55.4588

■ 119.6870,
-12.3872, -59.5182

■ 13.6579, -3.5439,
-58.0306

■ 133.6756,
-13.3637, -60.2109

■ 7.2625, -3.7490,
-68.9576

148.1703,

0.0000, NaN, -NF

-14.3592, -60.8666

0.0000, NaN, -NF

163.1540,
-15.3734, -61.4828

0.0000, NaN, -NF

■ 58.0946, -7.7860,
-55.8054

■ 58.0946, -7.7860,
-55.8054

■ 58.0874, -7.7744,
-55.8216

■ 60.9001, -11.2569,
-49.9245

■ 63.9462, -13.9371,
-43.9381

■ 67.2635, -15.6967,
-37.8266

■ 70.8509, -16.5312,
-31.6307

■ 74.6993, -16.4766,
-25.3946

■ 78.7952, -15.5922,
-19.1574

■ 83.1234, -13.9482,
-12.9501

■ 87.6680, -11.6181,
-6.7951

■ 92.4135, -8.6737,
-0.7070

Harmonies

Analogous

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



58.0955, -26.8933, -41.8166



58.0946, -7.7860, -55.8054



58.0955, 15.7562, -49.7108

Triad

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



58.0955, -7.7850, -55.8041



58.0955, 42.9324, 17.6538



58.0955, -34.5398, 22.8635

Complementary

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



58.0946, -7.7860, -55.8054



51.4704, 56.4283, 32.7013

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.



58.0955, -19.8263, 29.9178



58.0946, -7.7860, -55.8054



58.0955, 25.2637, 27.8277

Square

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



58.0955, -7.7850, -55.8041



58.0955, 47.4807, -1.5486



58.0955, 1.7323, 31.2960



58.0955, -40.7217, 7.5090

Rectangle

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



58.0946, -7.7860, -55.8054



58.0955, 30.6267, -35.9305



58.0955, 1.7323, 31.2960



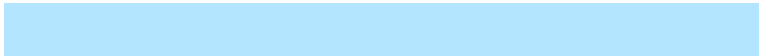
58.0955, -30.5489, 26.0019

Sweetspot

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



58.0955, -7.7850, -55.8041



85.3730, -14.3446, -13.3480



82.6908, -68.2063, 43.8848



38.6163, -7.0072, -7.4185

0.0000, NaN, NaN



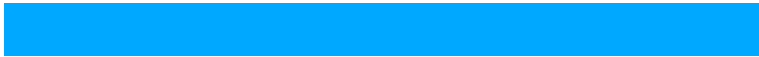
46.2646, -2.4686, 2.5136

Same Dimension

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



58.0955, -7.7850, -55.8041



59.6472, -7.9344, -57.4257



29.0948, 58.9792, -163.6759



43.0861, -3.9626, -0.1956



42.8187, -6.1927, -40.1514



13.7619, -3.0046, -10.7150

Inverse Universe

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



47.8102, 87.5499, -13.1524



49.1149, 89.9393, -13.4447



80.6317, -4.9476, 49.5967



41.7363, 2.7881, 0.1908



35.0168, 64.1974, -10.1639



10.7490, 19.8682, -4.3733

Previews

White Background



This preview shows how the HunterLab color 58.0946, -7.7860, -55.8054 looks on a white background.

Color Contrast Check

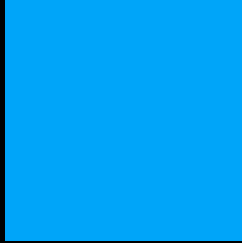
Large Text (above 18pt) WCAG AA × Fail

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 58.0946, -7.7860, -55.8054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

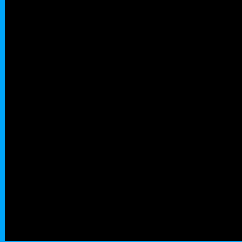
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

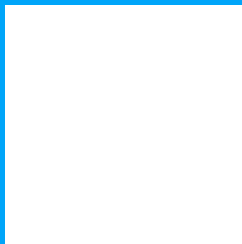
Any Text WCAG AAA ✓ Pass

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

HunterLab 58.0946, -7.7860, -55.8054 Background



This preview shows how black text looks on a background with the HunterLab color 58.0946, -7.7860, -55.8054.



This preview shows how white text looks on a background with the HunterLab color 58.0946, -7.7860, -55.8054.

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

58.0946, -7.7860, -55.8054

Protanopia

57.8360, 8.5837, -47.9257

Deuteranopia

58.1277, 4.9112, -57.1877



Tritanopia

58.1526, -28.1020, -12.0216

Trichromacy



Original Color

58.0946, -7.7860, -55.8054

Protanomaly

56.8247, -0.3595, -53.4639

Deuteranomaly

57.5619, -1.6856, -57.7178

Tritanomaly

58.0769, -21.5034, -26.1713

Monochromacy



Original Color

58.0946, -7.7860, -55.8054

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

48.3362, -10.9448, -17.0555

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.0946, -7.7860, -55.8054 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, 165, 249)` looks like.

```
.text, #text, p{  
    color:rgb(0, 165, 249)  
}
```

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, 165, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 165, 249) }
```

Border

The CSS property to change the border of an element to HunterLab 58.0946, -7.7860, -55.8054 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, 165, 249) }
```


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

```
.border{ border-color:rgb(0, 165, 249) }
```

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

Here you see how a box with a 4 pixel rgb(0, 165, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 165, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 165, 249);  
box-shadow:4px 4px 4px 4px rgb(0, 165,  
249) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.0946, -7.7860, -55.8054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 165, 249) }
```

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

```
.background{ background-color: rgb(0, 165,  
249) }
```

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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