

Converting Colors

HunterLab(58.6262, -8.2801,
-55.4032)

Have a look what the booklet for
HunterLab(58.6262, -8.2801,
-55.4032) contains.

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Color

**HunterLab(58.7704, -8.4687,
-55.1764)**

Conversions

Conversions Part 1

Format	Color
Hex	00A7FA
RGB	0, 167, 250
RGB Percent	0%, 65%, 98%
CMY	0.9997, 0.3451, 0.0196
CMYK	1.00, 0.33, 0.00, 0.02
HSL	200°, 100%, 49%
HSV	200°, 100%, 98%
XYZ	31.0741, 34.5396, 95.4716
YIQ	126.5290, -126.1750, -9.5910

Conversions

Conversions Part 2

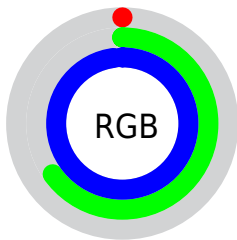
Format	Color
RYB	0, 100, 250
Decimal	43002
CIELab	65.39, -6.36, -51.10
CIElCh	65, 51.495, 262.901
Yxy	34.5407, 0.1929, 0.2144
Android (android.graphics.Color)	4278233082 (0xFF00A7FA)
YUV	126.5290, 60.8712, -110.9659
Hunter-Lab	58.7704, -8.4687, -55.1764

Details

The HunterLab color **58.7704, -8.4687, -55.1764** 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 **51.4994, 57.2663, 32.7338**, and the grayscale version is **45.6975, -2.4383, 2.4828**.

A 20% lighter version of the original color is **79.2730, -24.5055, -22.3406**, and **40.1394, -0.1754, -49.7922** is the 20% darker color. If you saturate the color by 10%, you get **58.7634, -8.4573, -55.1922**, and if you desaturate by 10%, it is **61.5534, -11.8836, -49.3967**.

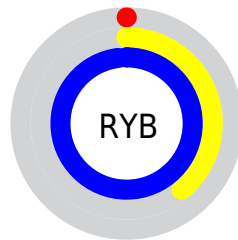
Distribution



Red (0%)

Green (65%)

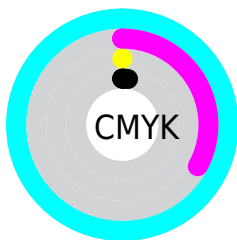
Blue (98%)



Red (0%)

Yellow (39%)

Blue (98%)

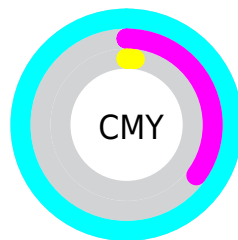


Cyan (100%)

Magenta (33%)

Yellow (0%)

Black (2%)



Cyan (100%)

Magenta (35%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.7704, -8.4687, -55.1764 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 58.7704, -8.4687, -55.1764 by changing the saturation by 10% instead.

■ 58.7704, -8.4687,
-55.1764

■ 58.7704, -8.4687,
-55.1764

179.5930,
-17.3993, -61.3725

■ 48.2797, -7.5566,
-54.5371

■ 81.7151, -10.3334,
-56.6546

■ 38.4994, -6.6568,
-54.0778

■ 94.0978, -11.2905,
-57.4136

■ 29.4866, -5.7642,
-53.9769

■ 107.0495,
-12.2646, -58.1572

■ 21.3132, -4.8717,
-54.6152

■ 120.5463,
-13.2561, -58.8740

■ 14.0763, -3.9658,
-56.9280

■ 134.5671,
-14.2653, -59.5573

■ 7.7243, -4.0028,
-65.7342

149.0928,

0.0000, NaN, -NF

-15.2922, -60.2029

0.0000, NaN, -NF

164.1066,
-16.3369, -60.8084

0.0000, NaN, -NF

■ 58.7704, -8.4687,
-55.1764

■ 58.7704, -8.4687,
-55.1764

■ 58.7634, -8.4573,
-55.1922

■ 61.5534, -11.8836,
-49.3967

■ 64.5754, -14.5090,
-43.5036

■ 67.8677, -16.2136,
-37.4765

■ 71.4297, -16.9913,
-31.3549

■ 75.2531, -16.8766,
-25.1829

■ 79.3246, -15.9275,
-18.9999

■ 83.6295, -14.2137,
-12.8374

■ 88.1521, -11.8083,
-6.7189

■ 92.8768, -8.7833,
-0.6600

Harmonies

Analogous

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



58.7713, -27.3486, -40.8174



58.7704, -8.4687, -55.1764



58.7713, 14.9418, -49.7497

Triad

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



58.7713, -8.4678, -55.1751



58.7713, 43.0241, 17.2423



58.7713, -34.2199, 23.2285

Complementary

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



58.7704, -8.4687, -55.1764



51.4994, 57.2663, 32.7338

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.



58.7713, -19.2680, 30.1346



58.7704, -8.4687, -55.1764



58.7713, 25.7606, 27.7141

Square

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



58.7713, -8.4678, -55.1751



58.7713, 47.0875, -2.2007



58.7713, 2.3866, 31.3862



58.7713, -40.6722, 8.1307

Rectangle

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



58.7704, -8.4687, -55.1764



58.7713, 29.8368, -36.3599



58.7713, 2.3866, 31.3862



58.7713, -30.1416, 26.3082

Sweetspot

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



58.7713, -8.4678, -55.1751



85.5059, -14.5500, -13.1676



83.0301, -68.7561, 44.6474



38.6865, -7.1148, -7.3207

0.0000, NaN, NaN



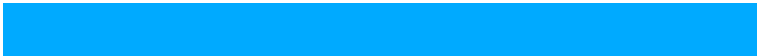
46.2646, -2.4686, 2.5136

Same Dimension

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



58.7713, -8.4678, -55.1751



60.0734, -8.6065, -56.5076



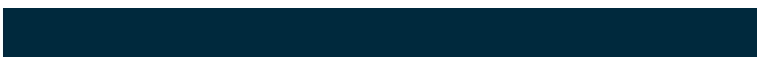
29.7461, 57.3339, -160.9387



43.1049, -3.9931, -0.1729



43.1179, -6.6610, -39.5144



13.8434, -3.1263, -10.5543

Inverse Universe

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



48.0789, 88.1312, -13.9162



49.1673, 90.1276, -14.1748



79.7472, -2.8833, 49.0878



41.7382, 2.7986, 0.1629



35.0539, 64.3304, -10.6792



10.7596, 19.9060, -4.5189

Previews

White Background



This preview shows how the HunterLab color 58.7704, -8.4687, -55.1764 looks on a white background.

Color Contrast Check

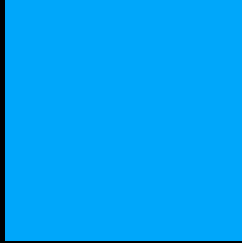
Large Text (above 18pt) WCAG AA × Fail

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 58.7704, -8.4687, -55.1764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

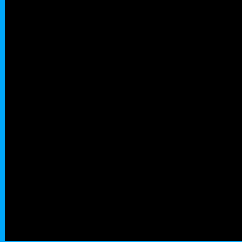
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

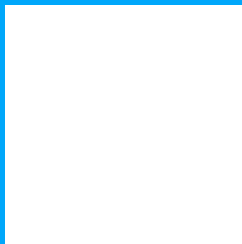
Any Text WCAG AAA ✓ Pass

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

HunterLab 58.7704, -8.4687, -55.1764 Background



This preview shows how black text looks on a background with the HunterLab color 58.7704, -8.4687, -55.1764.

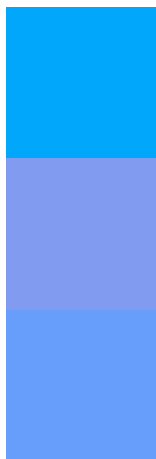


This preview shows how white text looks on a background with the HunterLab color 58.7704, -8.4687, -55.1764.

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

58.7704, -8.4687, -55.1764

Protanopia

58.5354, 7.9632, -46.5055

Deuteranopia

58.6221, 5.1744, -56.9314

Trichromacy



Original Color

58.7704, -8.4687, -55.1764

Protanomaly

57.4601, -1.2431, -52.1095

Deuteranomaly

57.9767, -1.6925, -57.6388

Monochromacy



Original Color

58.7704, -8.4687, -55.1764

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

49.0652, -11.2383, -17.1263

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.7704, -8.4687, -55.1764 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, 167, 250)` looks like.

```
.text, #text, p{  
    color:rgb(0, 167, 250)  
}
```

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, 167, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 167, 250) }
```

Border

The CSS property to change the border of an element to HunterLab 58.7704, -8.4687, -55.1764 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, 167, 250) }
```

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

```
.border{ border-color:rgb(0, 167, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 167, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 167, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 167, 250);  
box-shadow:4px 4px 4px 4px rgb(0, 167,  
250) }
```


Background

The CSS property to change the background color of an element to HunterLab 58.7704, -8.4687, -55.1764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 167, 250) }
```

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

```
.background{ background-color: rgb(0, 167,  
250) }
```

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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