

Converting Colors

HunterLab(56.6432, -12.0214,
-72.8871)

Have a look what the booklet for
HunterLab(56.6432, -12.0214,
-72.8871) contains.

HunterLab(58.4211, -5.9761, -60.1206)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(58.4211, -5.9761,
-60.1206)**

Conversions

Conversions Part 1

Format	Color
Hex	00A5FF
RGB	0, 165, 255
RGB Percent	0%, 65%, 100%
CMY	0.9997, 0.3529, 0.0000
CMYK	1.00, 0.35, 0.00, 0.00
HSL	201°, 100%, 50%
HSV	201°, 100%, 100%
XYZ	31.5051, 34.1302, 99.5350
YIQ	125.9250, -127.2300, -6.9900

Conversions

Conversions Part 2

Format	Color
R _Y B	0, 100, 255
Decimal	42495
CIE Lab	65.07, -3.39, -54.33
CIE LCh	65, 54.440, 266.432
Yxy	34.1313, 0.1907, 0.2066
Android (android.graphics.Color)	4278232575 (0xFF00A5FF)
YUV	125.9250, 63.6340, -110.4362
Hunter-Lab	58.4211, -5.9761, -60.1206

Details

The HunterLab color **58.4211, -5.9761, -60.1206** 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 **53.4651, 56.3502, 33.9290**, and the grayscale version is **45.4513, -2.4252, 2.4695**.

A 20% lighter version of the original color is **78.6455, -23.4074, -23.2726**, and **40.1396, 1.8430, -54.1494** is the 20% darker color. If you saturate the color by 10%, you get **58.4132, -5.9634, -60.1383**, and if you desaturate by 10%, it is **61.4066, -9.7852, -53.6796**.

Distribution



- Red (0%)
- Green (65%)
- Blue (100%)



- Red (0%)
- Yellow (39%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.4211, -5.9761, -60.1206 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 58.4211, -5.9761, -60.1206 by changing the saturation by 10% instead.

■ 58.4211, -5.9761,
-60.1206

■ 58.4211, -5.9761,
-60.1206

179.0857,
-13.7336, -66.6395

■ 47.9525, -5.2306,
-59.5336

■ 81.3251, -7.5375,
-61.5900

■ 38.1961, -4.5101,
-59.1855

■ 93.6890, -8.3545,
-62.3736

■ 29.2091, -3.8131,
-59.2948

■ 106.6227, -9.1949,
-63.1535

■ 21.0643, -3.1379,
-60.3278

■ 120.1023,
-10.0584, -63.9150

■ 13.8597, -2.4801,
-63.4344

■ 134.1064,
-10.9444, -64.6491

■ 7.4894, -2.3710,
-75.0358

148.6161,

0.0000, NaN, -NF

-11.8526, -65.3501

0.0000, NaN, -NF

163.6143,
-12.7825, -66.0142

0.0000, NaN, -NF

■ 58.4211, -5.9761,
-60.1206

■ 58.4211, -5.9761,
-60.1206

■ 58.4132, -5.9634,
-60.1383

■ 61.4066, -9.7852,
-53.6796

■ 64.6494, -12.7616,
-47.1516

■ 68.1788, -14.7764,
-40.5205

■ 71.9916, -15.8294,
-33.8321

■ 76.0767, -15.9624,
-27.1335

■ 80.4186, -15.2406,
-20.4644

■ 85.0004, -13.7396,
-13.8550

■ 89.8049, -11.5373,
-7.3255

■ 94.8153, -8.7092,
-0.8879

Harmonies

Analogous

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



58.4220, -26.5925, -46.7470



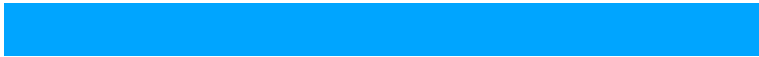
58.4211, -5.9761, -60.1206



58.4220, 18.9651, -51.6468

Triad

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



58.4220, -5.9753, -60.1187



58.4220, 44.4206, 19.5927



58.4220, -36.9276, 22.6762

Complementary

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



58.4211, -5.9761, -60.1206



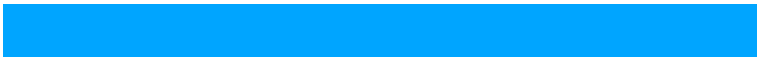
53.4651, 56.3502, 33.9290

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.



58.4220, -22.3455, 30.4793



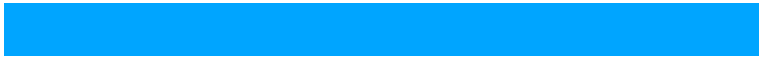
58.4211, -5.9761, -60.1206



58.4220, 24.7649, 29.2725

Square

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



58.4220, -5.9753, -60.1187



58.4220, 50.6796, 0.3707



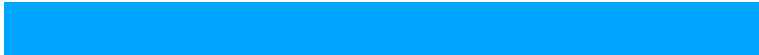
58.4220, -0.2096, 32.2816



58.4220, -42.5408, 5.8564

Rectangle

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



58.4211, -5.9761, -60.1206



58.4220, 34.3784, -36.0765



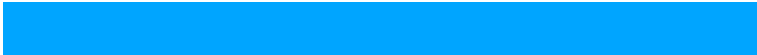
58.4220, -0.2096, 32.2816



58.4220, -33.0407, 26.1295

Sweetspot

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



58.4220, -5.9753, -60.1187



84.9864, -13.7452, -13.8747



84.9981, -69.8338, 44.5141



38.4120, -6.6931, -7.7043

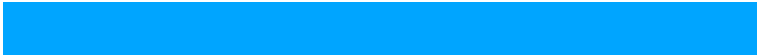
0.0000, NaN, NaN



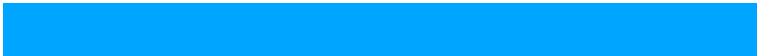
46.2646, -2.4686, 2.5136

Same Dimension

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



58.4220, -5.9753, -60.1187



58.4132, -5.9634, -60.1383



29.3717, 62.5741, -171.7822



43.9760, -3.9618, -0.2732



42.5682, -4.8631, -42.7084



14.0360, -2.6932, -11.7301

Inverse Universe

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



48.9677, 89.3976, -11.3633



48.9650, 89.4000, -11.3517



84.1207, -7.1799, 51.7076



42.6440, 2.8292, 0.2735



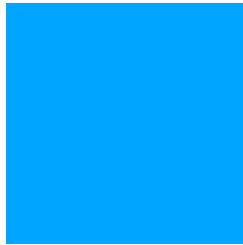
35.4362, 64.7729, -8.7862



11.1509, 20.5472, -4.0423

Previews

White Background



This preview shows how the HunterLab color 58.4211, -5.9761, -60.1206 looks on a white background.

Color Contrast Check

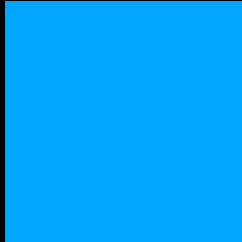
Large Text (above 18pt) WCAG AA × Fail

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 58.4211, -5.9761, -60.1206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

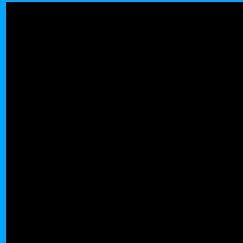
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

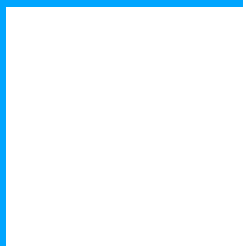
Any Text WCAG AAA ✓ Pass

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

HunterLab 58.4211, -5.9761, -60.1206 Background



This preview shows how black text looks on a background with the HunterLab color 58.4211, -5.9761, -60.1206.



This preview shows how white text looks on a background with the HunterLab color 58.4211, -5.9761, -60.1206.

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

58.4211, -5.9761, -60.1206

Protanopia

58.2364, 9.0594, -51.9056

Deuteranopia

58.4470, 4.9171, -59.8715



Tritanopia

58.1893, -27.8853, -12.5352

Trichromacy



Original Color

58.4211, -5.9761, -60.1206

Protanomaly

57.3698, 0.6223, -57.2603

Deuteranomaly

58.0533, -0.9891, -60.8683

Tritanomaly

58.2059, -20.7567, -27.9446

Monochromacy



Original Color

58.4211, -5.9761, -60.1206

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

48.4549, -10.2751, -18.6979

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.4211, -5.9761, -60.1206 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 165, 255)  
}
```

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, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 165, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 58.4211, -5.9761, -60.1206 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, 255) }
```


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

```
.border{ border-color:rgb(0, 165, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 165, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 165, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 165,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.4211, -5.9761, -60.1206 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, 255) }
```

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

```
.background{ background-color: rgb(0, 165,  
255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor