

Converting Colors

HunterLab(55.6327, -5.7903,
-57.0366)

Have a look what the booklet for
HunterLab(55.6327, -5.7903,
-57.0366) contains.

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Color

**HunterLab(55.6645, -5.8421,
-56.9645)**

Conversions

Conversions Part 1

Format	Color
Hex	009EF4
RGB	0, 158, 244
RGB Percent	0%, 62%, 96%
CMY	0.9997, 0.3804, 0.0431
CMYK	1.00, 0.35, 0.00, 0.04
HSL	201°, 100%, 48%
HSV	201°, 100%, 96%
XYZ	28.5560, 30.9854, 90.0637
YIQ	120.5620, -121.7740, -6.7500

Conversions

Conversions Part 2

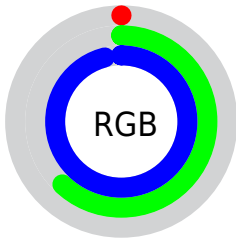
Format	Color
RYB	0, 96, 244
Decimal	40692
CIELab	62.50, -3.46, -52.40
CIElCh	62, 52.518, 266.222
Yxy	30.9863, 0.1909, 0.2071
Android (android.graphics.Color)	4278230772 (0xFF009EF4)
YUV	120.5620, 60.8549, -105.7329
Hunter-Lab	55.6645, -5.8421, -56.9645

Details

The HunterLab color **55.6645, -5.8421, -56.9645** 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 **50.8916, 53.4895, 32.2934**, and the grayscale version is **43.3697, -2.3141, 2.3564**.

A 20% lighter version of the original color is **75.8671, -20.0680, -27.5381**, and **37.5543, 1.9042, -51.0502** is the 20% darker color. If you saturate the color by 10%, you get **55.6578, -5.8308, -56.9802**, and if you desaturate by 10%, it is **58.5014, -9.4273, -50.8592**.

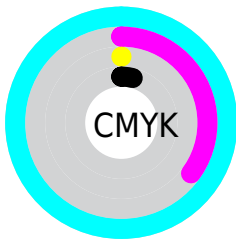
Distribution



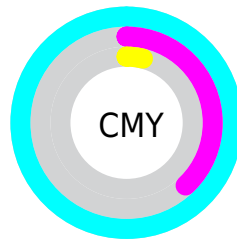
- Red (0%)
- Green (62%)
- Blue (96%)



- 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 55.6645, -5.8421, -56.9645 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 55.6645, -5.8421, -56.9645 by changing the saturation by 10% instead.

■ 55.6645, -5.8421,
-56.9645

■ 55.6645, -5.8421,
-56.9645

175.0644,
-13.5753, -63.3255

■ 45.3745, -5.0985,
-56.3867

■ 78.2423, -7.3983,
-58.4148

■ 35.8099, -4.3798,
-56.0529

■ 90.4553, -8.2127,
-59.1849

■ 27.0317, -3.6838,
-56.1995

■ 103.2450, -9.0504,
-59.9486

■ 19.1178, -3.0082,
-57.3475

■ 116.5864, -9.9111,
-60.6918

■ 12.1756, -2.3474,
-60.8528

■ 130.4576,
-10.7943, -61.4055

■ 5.2567, -3.1490,
-88.2633

144.8390,

0.0000, NaN, -NF

-11.6998, -62.0843

0.0000, NaN, -NF

159.7132,
-12.6269, -62.7249

0.0000, NaN, -NF

■ 55.6645, -5.8421,
-56.9645

■ 55.6645, -5.8421,
-56.9645

■ 55.6578, -5.8308,
-56.9802

■ 58.5014, -9.4273,
-50.8592

■ 61.5805, -12.2277,
-44.6736

■ 64.9308, -14.1178,
-38.3904

■ 68.5491, -15.0979,
-32.0527

■ 72.4248, -15.2080,
-25.7049

■ 76.5435, -14.5096,
-19.3846

■ 80.8891, -13.0741,
-13.1201

■ 85.4454, -10.9751,
-6.9305

■ 90.1966, -8.2836,
-0.8273

Harmonies

Analogous

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



55.6654, -25.3741, -44.1647



55.6645, -5.8421, -56.9645



55.6654, 17.8217, -49.0796

Triad

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



55.6654, -5.8411, -56.9633



55.6654, 42.2269, 18.5265



55.6654, -35.0139, 21.6318

Complementary

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



55.6645, -5.8421, -56.9645



50.8916, 53.4895, 32.2934

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.



55.6654, -21.1026, 29.0108



55.6645, -5.8421, -56.9645



55.6654, 23.6478, 27.7929

Square

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



55.6654, -5.8411, -56.9633



55.6654, 48.0562, 0.2026



55.6654, -0.0459, 30.6965



55.6654, -40.4094, 5.7165

Rectangle

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



55.6645, -5.8421, -56.9645



55.6654, 32.4715, -34.3799



55.6654, -0.0459, 30.6965



55.6654, -31.3005, 24.8985

Sweetspot

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



55.6654, -5.8411, -56.9633



84.9985, -13.7640, -13.8582



80.8488, -66.3991, 42.2856



38.4184, -6.7030, -7.6953

0.0000, NaN, NaN



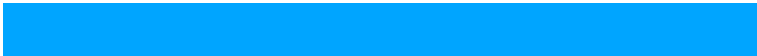
46.2646, -2.4686, 2.5136

Same Dimension

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



55.6654, -5.8411, -56.9633



58.4517, -6.0255, -60.0523



27.9893, 59.3141, -163.0177



42.0918, -3.7884, -0.2484



41.3648, -4.8186, -41.3005



13.0255, -2.6141, -10.6376

Inverse Universe

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



46.5869, 85.0724, -10.9730



48.9696, 89.4167, -11.4165



80.0365, -6.8712, 49.1964



40.8207, 2.6872, 0.2679



34.3900, 62.8739, -8.6309



10.2903, 18.9807, -3.8790

Previews

White Background



This preview shows how the HunterLab color 55.6645, -5.8421, -56.9645 looks on a white background.

Color Contrast Check

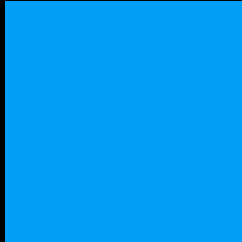
Large Text (above 18pt) WCAG AA × Fail

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 55.6645, -5.8421, -56.9645 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

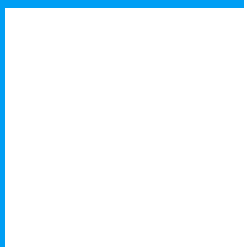
Any Text WCAG AAA ✓ Pass

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

HunterLab 55.6645, -5.8421, -56.9645 Background



This preview shows how black text looks on a background with the HunterLab color 55.6645, -5.8421, -56.9645.



This preview shows how white text looks on a background with the HunterLab color 55.6645, -5.8421, -56.9645.

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

55.6645, -5.8421, -56.9645

Protanopia

55.3710, 8.6972, -49.0797

Deuteranopia

55.6423, 5.0172, -58.5301



Tritanopia

55.5807, -26.7553, -11.7139

Trichromacy



Original Color

55.6645, -5.8421, -56.9645

Protanomaly

54.5913, 0.5987, -54.2016

Deuteranomaly

55.2934, -0.8063, -58.5727

Tritanomaly

55.5542, -19.9295, -26.4159

Monochromacy



Original Color

55.6645, -5.8421, -56.9645

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

46.2398, -9.6250, -17.9340

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.6645, -5.8421, -56.9645 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, 158, 244)` looks like.

```
.text, #text, p{  
    color:rgb(0, 158, 244)  
}
```

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, 158, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 158, 244) }
```

Border

The CSS property to change the border of an element to HunterLab 55.6645, -5.8421, -56.9645 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, 158, 244) }
```


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

```
.border{ border-color:rgb(0, 158, 244) }
```

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

Here you see how a box with a 4 pixel rgb(0, 158, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 158, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 158, 244);  
box-shadow:4px 4px 4px 4px rgb(0, 158,  
244) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.6645, -5.8421, -56.9645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 158, 244) }
```

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

```
.background{ background-color: rgb(0, 158,  
244) }
```

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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