

Converting Colors

HunterLab(46.9223, -40.4059,
-77.1444)

Have a look what the booklet for
HunterLab(46.9223, -40.4059,
-77.1444) contains.

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Color

**HunterLab(55.5019, -6.7427,
-54.8170)**

Conversions

Conversions Part 1	
Format	Color
Hex	009EF1
RGB	0, 158, 241
RGB Percent	0%, 62%, 95%
CMY	0.9997, 0.3804, 0.0549
CMYK	1.00, 0.34, 0.00, 0.05
HSL	201°, 100%, 47%
HSV	201°, 100%, 95%
XYZ	28.1041, 30.8046, 87.6838
YIQ	120.2200, -120.8110, -7.6830

Conversions

Conversions Part 2

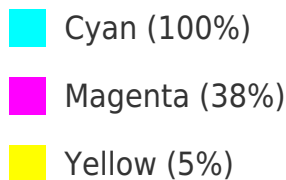
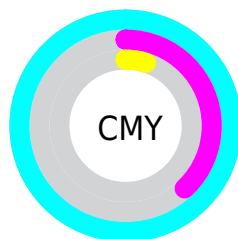
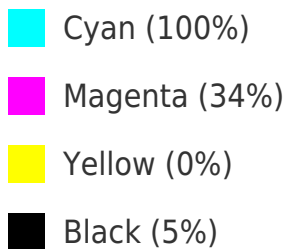
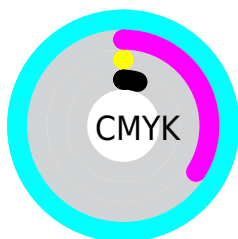
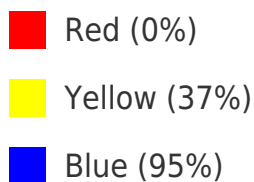
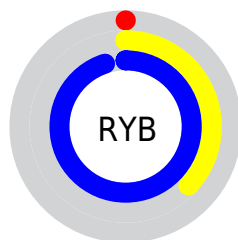
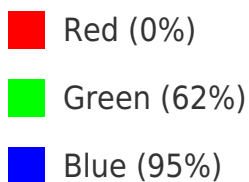
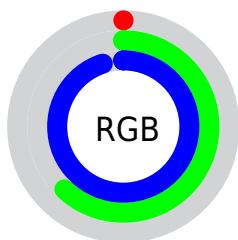
Format	Color
RYB	0, 95, 241
Decimal	40689
CIELab	62.34, -4.58, -51.00
CIELCh	62, 51.204, 264.872
Yxy	30.8056, 0.1917, 0.2101
Android (android.graphics.Color)	4278230769 (0xFF009EF1)
YUV	120.2200, 59.5445, -105.4329
Hunter-Lab	55.5019, -6.7427, -54.8170

Details

The HunterLab color **55.5019, -6.7427, -54.8170** 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 **49.8977, 53.5349, 31.6816**, and the grayscale version is **43.2417, -2.3073, 2.3494**.

A 20% lighter version of the original color is **75.8671, -20.0680, -27.5381**, and **37.3846, 0.9902, -48.8650** is the 20% darker color. If you saturate the color by 10%, you get **55.4953, -6.7318, -54.8322**, and if you desaturate by 10%, it is **58.2496, -10.1596, -48.9909**.

Distribution



Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.5019, -6.7427, -54.8170 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 55.5019, -6.7427, -54.8170 by changing the saturation by 10% instead.

55.5019, -6.7427,
-54.8170

55.5019, -6.7427,
-54.8170

174.8261,
-14.9151, -61.0420

45.2226, -5.9364,
-54.2179

78.0601, -8.4131,
-56.2703

35.6696, -5.1496,
-53.8394

90.2642, -9.2799,
-57.0300

26.9039, -4.3792,
-53.9020

103.0452,
-10.1676, -57.7786

19.0040, -3.6202,
-54.8942

116.3783,
-11.0762, -58.5030

12.0777, -2.8629,
-58.0922

130.2416,
-12.0055, -59.1954

5.0932, -4.1879,
-85.8067

144.6153,

0.0000, NaN, -NF

-12.9553, -59.8511

0.0000, NaN, -NF

159.4821,
-13.9252, -60.4671

0.0000, NaN, -NF

■ 55.5019, -6.7427,
-54.8170

■ 55.5019, -6.7427,
-54.8170

■ 55.4953, -6.7318,
-54.8322

■ 58.2496, -10.1596,
-48.9909

■ 61.2312, -12.8127,
-43.0754

■ 64.4763, -14.5758,
-37.0510

■ 67.9828, -15.4472,
-30.9584

■ 71.7411, -15.4639,
-24.8407

■ 75.7378, -14.6846,
-18.7350

■ 79.9575, -13.1779,
-12.6703

■ 84.3849, -11.0152,
-6.6667

■ 89.0046, -8.2659,
-0.7370

Harmonies

Analogous

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



55.5028, -25.5244, -41.7055



55.5019, -6.7427, -54.8170



55.5028, 16.2249, -48.1197

Triad

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



55.5028, -6.7418, -54.8158



55.5028, 41.4895, 17.5721



55.5028, -33.8330, 21.7256

Complementary

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



55.5019, -6.7427, -54.8170



49.8977, 53.5349, 31.6816

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.



55.5028, -19.8559, 28.7332



55.5019, -6.7427, -54.8170



55.5028, 23.8966, 27.0831

Square

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



55.5028, -6.7418, -54.8158



55.5028, 46.4672, -0.7460



55.5028, 0.9166, 30.2113



55.5028, -39.5095, 6.5415

Rectangle

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



55.5019, -6.7427, -54.8170



55.5028, 30.6052, -34.3094



55.5028, 0.9166, 30.2113



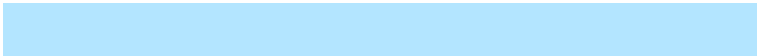
55.5028, -30.0680, 24.8357

Sweetspot

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



55.5028, -6.7418, -54.8158



85.1982, -14.0739, -13.5858



79.6846, -65.7082, 42.2493



38.5239, -6.8654, -7.5475

0.0000, NaN, NaN



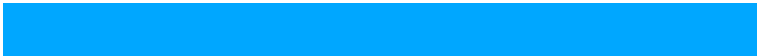
46.2646, -2.4686, 2.5136

Same Dimension

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



55.5028, -6.7418, -54.8158



59.0883, -7.0463, -58.6442



28.0785, 56.6748, -157.4315



41.1810, -3.7446, -0.2046



41.1845, -5.4625, -39.6850



12.6318, -2.7346, -9.8854

Inverse Universe

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



46.0120, 84.1540, -11.8578



49.0467, 89.6939, -12.4928



77.7189, -4.8025, 47.8045



39.9168, 2.6312, 0.2264



33.9200, 62.1119, -9.2668



9.8782, 18.2546, -3.9875

Previews

White Background



This preview shows how the HunterLab color 55.5019, -6.7427, -54.8170 looks on a white background.

Color Contrast Check

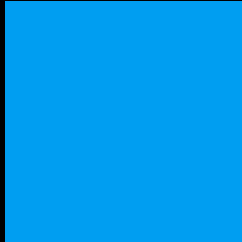
Large Text (above 18pt) WCAG AA × Fail

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 55.5019, -6.7427, -54.8170 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

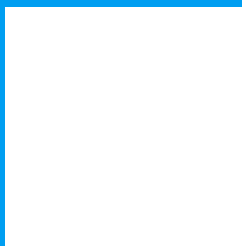
Any Text WCAG AAA ✓ Pass

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

HunterLab 55.5019, -6.7427, -54.8170 Background



This preview shows how black text looks on a background with the HunterLab color 55.5019, -6.7427, -54.8170.

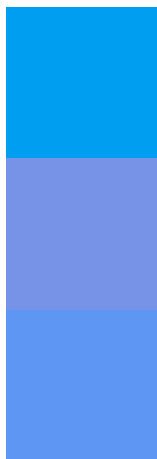


This preview shows how white text looks on a background with the HunterLab color 55.5019, -6.7427, -54.8170.

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

55.5019, -6.7427, -54.8170

Protanopia

55.2801, 8.0905, -46.8803

Deuteranopia

55.3746, 5.2798, -56.5756

Trichromacy



Original Color

55.5019, -6.7427, -54.8170

Protanomaly

54.4682, -0.1431, -51.9945

Deuteranomaly

54.9126, -0.9133, -56.8800

Monochromacy



Original Color

55.5019, -6.7427, -54.8170

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

46.1162, -10.2325, -16.9177

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.5019, -6.7427, -54.8170 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(0, 158, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 158, 241) }
```

Border

The CSS property to change the border of an element to HunterLab 55.5019, -6.7427, -54.8170 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, 241) }
```

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

```
.border{ border-color:rgb(0, 158, 241) }
```

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, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 158, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 158, 241);  
box-shadow:4px 4px 4px 4px rgb(0, 158,  
241) }
```


Background

The CSS property to change the background color of an element to HunterLab 55.5019, -6.7427, -54.8170 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, 241) }
```

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

```
.background{ background-color: rgb(0, 158,  
241) }
```

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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