

Converting Colors

HunterLab(65.7717, -56.1123,
39.5459)

Have a look what the booklet for
HunterLab(65.7717, -56.1123,
39.5459) contains.

HunterLab(65.7700, -56.1197, 39.5447)	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(65.7700,
-56.1197, 39.5447)**

Conversions

Conversions Part 1

Format	Color
Hex	0BCC00
RGB	11, 204, 0
RGB Percent	4%, 80%, 0%
CMY	0.9569, 0.2000, 0.9999
CMYK	0.95, 0.00, 1.00, 0.20
HSL	117°, 100%, 40%
HSV	117°, 100%, 80%
XYZ	21.7309, 43.2569, 7.2041
YIQ	123.0370, -49.5440, -104.3600

Conversions

Conversions Part 2

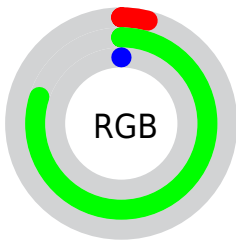
Format	Color
RYB	0, 204, 193
Decimal	773120
CIELab	71.73, -72.40, 70.36
CIELCh	72, 100.963, 135.819
Yxy	43.2587, 0.3010, 0.5992
Android (android.graphics.Color)	4278963200 (0xFF0BCC00)
YUV	123.0370, -60.6572, -98.2564
Hunter-Lab	65.7700, -56.1197, 39.5447

Details

The HunterLab color **65.7700, -56.1197, 39.5447** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **39.6246, 78.8575, -59.6849**, and the grayscale version is **44.7645, -2.3885, 2.4321**.

A 20% lighter version of the original color is **86.7409, -62.6739, 47.0311**, and **46.0215, -39.4635, 27.6674** is the 20% darker color. If you saturate the color by 10%, you get **65.7712, -56.1213, 39.5454**, and if you desaturate by 10%, it is **65.9698, -55.1943, 39.0713**.

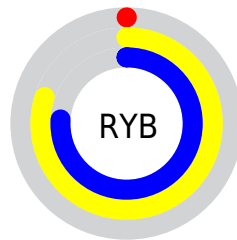
Distribution



Red (4%)

Green (80%)

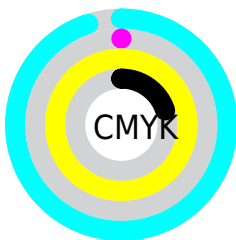
Blue (0%)



Red (0%)

Yellow (80%)

Blue (76%)

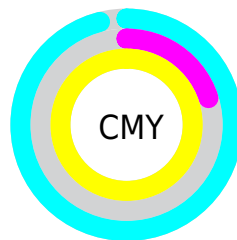


Cyan (95%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (96%)


Magenta (20%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 65.7700, -56.1197, 39.5447 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 65.7700, -56.1197, 39.5447 by changing the saturation by 10% instead.


 65.7700, -56.1197,
39.5447


 65.7700, -56.1197,
39.5447


189.6509,
-93.0100, 76.7792


 54.8527, -51.1642,
34.6026


 89.4992, -65.3093,
48.8011


 44.6156, -45.8890,
29.4226


 102.2457,
-69.6226, 53.1631


 35.1090, -40.2089,
24.3892


 115.5456,
-73.7873, 57.3769

 26.3939, -34.0011,
18.4757

 129.3769,
-77.8251, 61.4607

 18.5501, -27.4686,
12.9851

 143.7199,
-81.7532, 65.4303

 11.6881, -20.4541,
8.1817

 158.5570,

 4.3766, -7.6591,

-85.5859, 69.2992

3.0636

173.8721,
-89.3349, 73.0788

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.7700, -56.1197,
39.5447

■ 65.7700, -56.1197,
39.5447

■ 65.7712, -56.1213,
39.5454

■ 65.9698, -55.1943,
39.0713

■ 66.3435, -53.4463,
38.0844

■ 66.9244, -50.7315,
36.4109

■ 67.7319, -46.9876,
33.9911

■ 68.7787, -42.1962,

30.8005

■ 70.0722, -36.3771,
26.8449

■ 71.6152, -29.5807,
22.1539

■ 73.4061, -21.8808,
16.7764

■ 75.4404, -13.3666,
10.7736

Harmonies

Analogous

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



65.7714, -26.1471, 44.0951



65.7700, -56.1197, 39.5447



65.7714, -69.6723, 21.1894

Triad

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



65.7714, -56.1206, 39.5449



65.7714, -24.0086, -143.7055



65.7714, 106.4628, 22.7959

Complementary

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



65.7700, -56.1197, 39.5447



39.6246, 78.8575, -59.6849

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.



65.7714, 107.5090, -20.8415



65.7700, -56.1197, 39.5447



65.7714, 22.6678, -142.0041

Square

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



65.7714, -56.1206, 39.5449



65.7714, -54.9318, -91.2377



65.7714, 73.6403, -87.5145



65.7714, 71.0874, 40.0241

Rectangle

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



65.7700, -56.1197, 39.5447



65.7714, -70.9041, -5.6364



65.7714, 73.6403, -87.5145



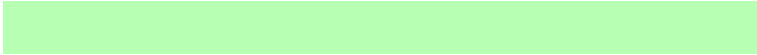
65.7714, 111.1148, 11.6300

Sweetspot

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



65.7714, -56.1206, 39.5449



92.0733, -38.4418, 28.7698



70.5979, -13.8026, 43.2599



42.1894, -19.5724, 14.5478

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.7714, -56.1206, 39.5449



84.6234, -72.2877, 50.8790



66.2564, -52.9807, 31.5567



35.4475, -6.0222, 4.8782



52.1912, -44.4705, 31.3814



11.8977, -9.9153, 7.1577

Inverse Universe

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



39.6246, 78.8575, -59.6849



50.9601, 101.4382, -76.8952



37.5371, 67.6151, -1.5978



33.7221, 2.5236, -1.2776



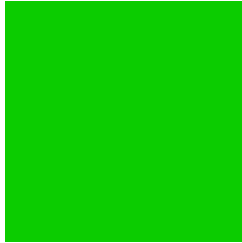
31.4562, 62.5927, -47.2930



7.2117, 14.3131, -10.5559

Previews

White Background



This preview shows how the HunterLab color 65.7700, -56.1197, 39.5447 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 65.7700, -56.1197, 39.5447 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 65.7700, -56.1197, 39.5447 Background



This preview shows how black text looks on a background with the HunterLab color 65.7700, -56.1197, 39.5447.



This preview shows how white text looks on a background with the HunterLab color 65.7700, -56.1197, 39.5447.

-56.1197, 39.5447.

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

65.7700, -56.1197, 39.5447

Protanopia

65.2152, -9.1430, 40.0253

Deuteranopia

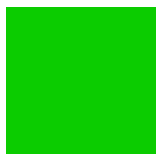
64.9247, 4.9419, 37.9168



Tritanopia

65.7367, -24.6968, -12.0191

Trichromacy



Original Color

65.7700, -56.1197, 39.5447



Protanomaly

63.0753, -35.0707, 38.2527



Deuteranomaly

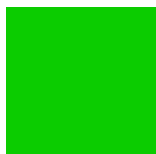
61.7768, -28.1951, 36.5186



Tritanomaly

64.4761, -42.6582, 19.5627

Monochromacy



Original Color

65.7700, -56.1197, 39.5447



Achromatopsia

44.5050, -2.3747, 2.4180



Achromatomaly

49.8000, -29.5028, 21.5888

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.7700, -56.1197, 39.5447 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(11, 204, 0)` looks like.

```
.text, #text, p{  
    color:rgb(11, 204, 0)  
}
```

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(11, 204, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 204, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 65.7700, -56.1197, 39.5447 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(11, 204, 0) }
```


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

```
.border{ border-color:rgb(11, 204, 0) }
```

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

Here you see how a box with a 4 pixel rgb(11, 204, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 204, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 204, 0);  
box-shadow:4px 4px 4px 4px rgb(11, 204, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 65.7700, -56.1197, 39.5447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 204, 0) }
```

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

```
.background{ background-color: rgb(11, 204,  
0) }
```

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