

Converting Colors

HunterLab(66.6652, -57.0322,
40.0803)

Have a look what the booklet for
HunterLab(66.6652, -57.0322,
40.0803) contains.

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Color

**HunterLab(66.8266,
-57.1797, 40.1772)**

Conversions

Conversions Part 1

Format	Color
Hex	05CF00
RGB	5, 207, 0
RGB Percent	2%, 81%, 0%
CMY	0.9804, 0.1882, 0.9999
CMYK	0.98, 0.00, 1.00, 0.19
HSL	119°, 100%, 41%
HSV	119°, 100%, 81%
XYZ	22.3754, 44.6579, 7.4406
YIQ	123.0040, -53.9450, -107.2010

Conversions

Conversions Part 2

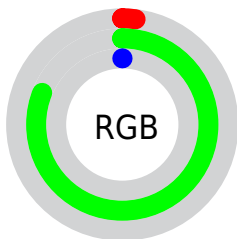
Format	Color
RYB	0, 207, 202
Decimal	380672
CIELab	72.67, -73.45, 71.10
CIELCh	73, 102.229, 135.930
Yxy	44.6598, 0.3004, 0.5996
Android (android.graphics.Color)	4278570752 (0xFF05CF00)
YUV	123.0040, -60.6410, -103.4895
Hunter-Lab	66.8266, -57.1797, 40.1772

Details

The HunterLab color $66.8266, -57.1797, 40.1772$ 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 $41.3112, 81.6485, -57.8404$, and the grayscale version is $44.7527, -2.3879, 2.4315$.

A 20% lighter version of the original color is $86.7496, -62.6204, 46.9026$, and $47.0460, -40.3419, 28.2832$ is the 20% darker color. If you saturate the color by 10%, you get $66.8278, -57.1814, 40.1779$, and if you desaturate by 10%, it is $66.9999, -56.3666, 39.6822$.

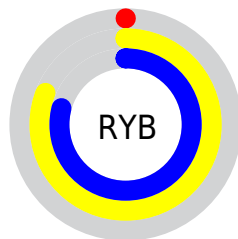
Distribution



Red (2%)

Green (81%)

Blue (0%)



Red (0%)

Yellow (81%)

Blue (79%)

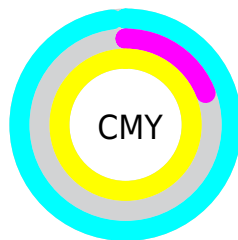


Cyan (98%)

Magenta (0%)

Yellow (100%)

Black (19%)



Cyan (98%)


Magenta (19%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 66.8266, -57.1797, 40.1772 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 66.8266, -57.1797, 40.1772 by changing the saturation by 10% instead.


 66.8266, -57.1797,
40.1772


 66.8266, -57.1797,
40.1772


191.1528,
-94.4339, 77.6500


 55.8476, -52.1813,
35.2108


 90.6695, -66.4551,
49.4854


 45.5447, -46.8642,
30.0078


 103.4689,
-70.8105, 53.8743

 35.9673, -41.1448,
24.8935


 116.8195,
-75.0166, 58.1150

 27.1750, -34.9030,
19.0225

 130.6996,
-79.0950, 62.2258

 19.2455, -28.1882,
13.4718

 145.0896,
-83.0628, 66.2223

 12.2855, -21.4997,
8.5999

 159.9721,

 5.4340, -9.5096,

-86.9344, 70.1177

3.8038

175.3313,
-90.7215, 73.9237

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.8266, -57.1797,
40.1772

■ 66.8266, -57.1797,
40.1772

■ 66.8278, -57.1814,
40.1779

■ 66.9999, -56.3666,
39.6822

■ 67.3481, -54.7223,
38.6603

■ 67.9127, -52.0676,
36.9413

■ 68.7160, -48.3271,
34.4656

■ 69.7728, -43.4754,

31.2103

■ 71.0919, -37.5298,
27.1834

■ 72.6768, -30.5429,
22.4184

■ 74.5261, -22.5935,
16.9683

■ 76.6351, -13.7783,
10.8991

Harmonies

Analogous

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



66.8280, -26.7520, 44.8172



66.8266, -57.1797, 40.1772



66.8280, -70.9040, 21.4430

Triad

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



66.8280, -57.1806, 40.1774



66.8280, -24.2806, -146.5435



66.8280, 108.3507, 23.2989

Complementary

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



66.8266, -57.1797, 40.1772



41.3112, 81.6485, -57.8404

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.



66.8280, 109.5610, -21.0088



66.8266, -57.1797, 40.1772



66.8280, 23.2798, -144.5739

Square

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



66.8280, -57.1806, 40.1774



66.8280, -55.8075, -93.2085



66.8280, 75.1679, -88.8995



66.8280, 72.2150, 40.7296

Rectangle

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



66.8266, -57.1797, 40.1772



66.8280, -72.1230, -5.9359



66.8280, 75.1679, -88.8995



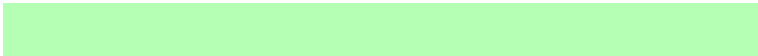
66.8280, 113.1371, 11.9757

Sweetspot

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



66.8280, -57.1806, 40.1774



91.9231, -39.0195, 28.6225



73.9073, -17.2447, 45.2389



42.1152, -19.8611, 14.4775

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.8280, -57.1806, 40.1774



84.5929, -72.4182, 50.8579



67.4415, -53.2998, 30.7642



36.3588, -6.2752, 4.9893



53.0493, -45.3633, 31.8946



12.5635, -10.6437, 7.5552

Inverse Universe

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



41.3112, 81.6485, -57.8404



52.2837, 103.3462, -73.2596



37.9491, 67.9755, 1.3415



34.6323, 2.6943, -1.2855



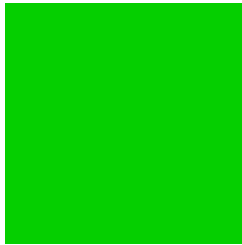
32.7993, 64.8232, -45.8859



7.7859, 15.3719, -10.7693

Previews

White Background



This preview shows how the HunterLab color 66.8266, -57.1797, 40.1772 looks on a white background.

Color Contrast Check

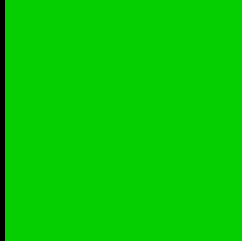
Large Text (above 18pt) WCAG AA × Fail

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 66.8266, -57.1797, 40.1772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

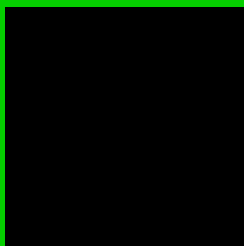
Any Text WCAG AA ✓ Pass

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 66.8266, -57.1797, 40.1772 Background



This preview shows how black text looks on a background with the HunterLab color 66.8266, -57.1797, 40.1772.



This preview shows how white text looks on a background with the HunterLab color 66.8266, -57.1797, 40.1772.

-57.1797, 40.1772.

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

66.8266, -57.1797, 40.1772

Protanopia

66.0200, -9.3452, 40.5176

Deuteranopia

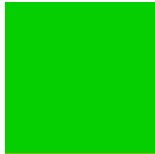
66.1244, 4.6795, 38.6014



Tritanopia

66.5429, -24.8024, -12.6010

Trichromacy



Original Color

66.8266, -57.1797, 40.1772



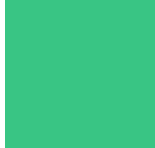
Protanomaly

63.6833, -36.0881, 38.6096



Deuteranomaly

62.7569, -29.3948, 37.0577



Tritanomaly

65.1677, -43.3245, 19.5367

Monochromacy



Original Color

66.8266, -57.1797, 40.1772



Achromatopsia

44.5050, -2.3747, 2.4180



Achromatomaly

50.3654, -30.5868, 22.0145

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.8266, -57.1797, 40.1772 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(5, 207, 0)` looks like.

```
.text, #text, p{  
    color:rgb(5, 207, 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(5, 207, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 207, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 66.8266, -57.1797, 40.1772 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(5, 207, 0) }
```


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

```
.border{ border-color:rgb(5, 207, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 207, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 207, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 207, 0); box-shadow:4px  
4px 4px 4px rgb(5, 207, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.8266, -57.1797, 40.1772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 207, 0) }
```

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

```
.background{ background-color: rgb(5, 207,  
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](#).

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