

Converting Colors

HunterLab(67.8439, -59.1577,
37.3993)

Have a look what the booklet for
HunterLab(67.8439, -59.1577,
37.3993) contains.

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Color

**HunterLab(68.4718,
-57.1744, 37.8393)**

Conversions

Conversions Part 1

Format	Color
Hex	00D339
RGB	0, 211, 57
RGB Percent	0%, 83%, 22%
CMY	1.0000, 0.1725, 0.7765
CMYK	1.00, 0.00, 0.73, 0.17
HSL	136°, 100%, 41%
HSV	136°, 100%, 83%
XYZ	24.0327, 46.8839, 11.6537
YIQ	130.3550, -76.3220, -92.6260

Conversions

Conversions Part 2

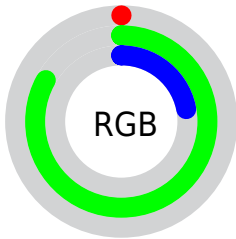
Format	Color
RYB	0, 166, 211
Decimal	54073
CIELab	74.12, -72.26, 60.41
CIELCh	74, 94.184, 140.101
Yxy	46.8858, 0.2911, 0.5678
Android (android.graphics.Color)	4278244153 (0xFF00D339)
YUV	130.3550, -36.1640, -114.3213
Hunter-Lab	68.4718, -57.1744, 37.8393

Details

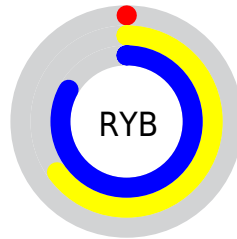
The HunterLab color **68.4718, -57.1744, 37.8393** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **40.2276, 74.6903, -18.9638**, and the grayscale version is **47.5477, -2.5370, 2.5834**.

A 20% lighter version of the original color is **87.0497, -60.7089, 41.9360**, and **48.4177, -41.5181, 29.1079** is the 20% darker color. If you saturate the color by 10%, you get **68.4732, -57.1754, 37.8398**, and if you desaturate by 10%, it is **68.7198, -55.8685, 36.0171**.

Distribution



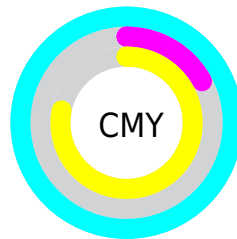
- Red (0%)
- Green (83%)
- Blue (22%)



- Red (0%)
- Yellow (65%)
- Blue (83%)



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (17%)



- Cyan (100%)
- Magenta (17%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.4718, -57.1744, 37.8393 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 68.4718, -57.1744, 37.8393 by changing the saturation by 10% instead.

■ 68.4718, -57.1744,
37.8393

■ 68.4718, -57.1744,
37.8393

193.4835,
-93.7222, 70.1672

■ 57.3981, -52.2948,
33.5787

■ 92.4895, -66.2476,
45.8193

■ 46.9943, -47.1129,
29.0976

■ 105.3702,
-70.5152, 49.5884

■ 37.3083, -41.5504,
24.3676

■ 118.7989,
-74.6403, 53.2376

■ 28.3979, -35.4949,
19.8785

■ 132.7540,
-78.6431, 56.7830

■ 20.3376, -28.7999,
14.2363

■ 147.2165,
-82.5404, 60.2382

■ 13.2289, -23.1506,
9.2602

162.1690,

■ 6.7509, -11.8140,

-86.3454, 63.6144

4.7256

177.5961,
-90.0695, 66.9214

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.4718, -57.1744,
37.8393

■ 68.4718, -57.1744,
37.8393

■ 68.4732, -57.1754,
37.8398

■ 68.7198, -55.8685,
36.0171

■ 69.1290, -53.8101,
33.7727

■ 69.7428, -50.8394,
31.1304

■ 70.5807, -46.9027,
28.1137

■ 71.6559, -41.9872,

24.7553

■ 72.9760, -36.1146,
21.0958

■ 74.5442, -29.3339,
17.1811

■ 76.3594, -21.7152,
13.0593

■ 78.4174, -13.3421,
8.7786

Harmonies

Analogous

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



68.4732, -30.3466, 44.3984



68.4718, -57.1744, 37.8393



68.4732, -68.6023, 16.1563

Triad

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



68.4732, -57.1753, 37.8396



68.4732, -17.5872, -132.1640



68.4732, 95.1408, 25.9985

Complementary

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



68.4718, -57.1744, 37.8393



40.2276, 74.6903, -18.9638

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.



68.4732, 101.0565, -11.5821



68.4718, -57.1744, 37.8393



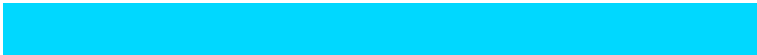
68.4732, 27.8725, -122.8900

Square

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



68.4732, -57.1753, 37.8396



68.4732, -49.8679, -91.0693



68.4732, 73.9799, -70.4827



68.4732, 59.4140, 41.1640

Rectangle

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



68.4718, -57.1744, 37.8393



68.4732, -68.5723, -11.9236



68.4732, 73.9799, -70.4827



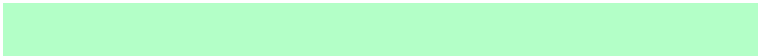
68.4732, 100.9770, 16.3801

Sweetspot

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



68.4732, -57.1753, 37.8396



92.2906, -36.6362, 21.4502



73.1662, -38.3536, 44.4131



42.2993, -18.6606, 10.8946

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.4732, -57.1753, 37.8396



84.8223, -70.9326, 47.1025



70.1362, -46.9051, 13.5906



36.4115, -5.9436, 3.9494



53.2064, -44.3290, 29.1902



12.6344, -10.1499, 6.1187

Inverse Universe

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



40.2276, 74.6903, -18.9638



49.8095, 92.4271, -23.0594



37.5143, 64.8404, 19.6175



34.5720, 2.3281, -0.0917



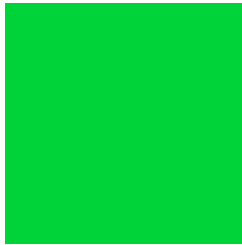
31.2789, 58.1245, -15.1250



7.4828, 14.0520, -4.7581

Previews

White Background



This preview shows how the HunterLab color 68.4718, -57.1744, 37.8393 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 68.4718, -57.1744, 37.8393 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 68.4718, -57.1744, 37.8393 Background



This preview shows how black text looks on a background with the HunterLab color 68.4718, -57.1744, 37.8393.



This preview shows how white text looks on a background with the HunterLab color 68.4718, -57.1744, 37.8393.

-57.1744, 37.8393.

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

68.4718, -57.1744, 37.8393

Protanopia

67.7982, -8.8406, 39.0811

Deuteranopia

67.8089, 4.9875, 36.5102



Tritanopia

68.3834, -25.9435, -12.8965

Trichromacy



Original Color

68.4718, -57.1744, 37.8393



Protanomaly

65.2797, -36.2471, 36.6397



Deuteranomaly

64.3138, -29.5640, 34.2169



Tritanomaly

67.4193, -42.0057, 13.1480

Monochromacy



Original Color

68.4718, -57.1744, 37.8393



Achromatopsia

47.2470, -2.5210, 2.5670



Achromatomaly

52.5495, -29.4145, 17.3879

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.4718, -57.1744, 37.8393 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, 211, 57)` looks like.

```
.text, #text, p{  
    color:rgb(0, 211, 57)  
}
```

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, 211, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 211, 57) }
```

Border

The CSS property to change the border of an element to HunterLab 68.4718, -57.1744, 37.8393 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, 211, 57) }
```


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

```
.border{ border-color:rgb(0, 211, 57) }
```

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

Here you see how a box with a 4 pixel rgb(0, 211, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 211, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 211, 57);  
box-shadow:4px 4px 4px 4px rgb(0, 211, 57)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 68.4718, -57.1744, 37.8393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 211, 57) }
```

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

```
.background{ background-color: rgb(0, 211,  
57) }
```

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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