

Converting Colors

HunterLab(69.7285, -57.6213,
37.2333)

Have a look what the booklet for
HunterLab(69.7285, -57.6213,
37.2333) contains.

HunterLab(69.6583, -57.5299, 37.1238)	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(69.6583,
-57.5299, 37.1238)**

Conversions

Conversions Part 1

Format	Color
Hex	00D645
RGB	0, 214, 69
RGB Percent	0%, 84%, 27%
CMY	1.0000, 0.1608, 0.7294
CMYK	1.00, 0.00, 0.68, 0.16
HSL	139°, 100%, 42%
HSV	139°, 100%, 84%
XYZ	25.1207, 48.5228, 13.6720
YIQ	133.4840, -80.9990, -90.4630

Conversions

Conversions Part 2

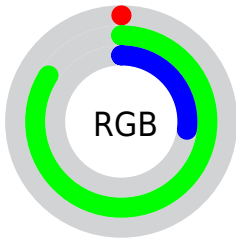
Format	Color
RYB	0, 162, 214
Decimal	54853
CIELab	75.15, -72.03, 57.01
CIELCh	75, 91.860, 141.639
Yxy	48.5248, 0.2877, 0.5557
Android (android.graphics.Color)	4278244933 (0xFF00D645)
YUV	133.4840, -31.7906, -117.0655
Hunter-Lab	69.6583, -57.5299, 37.1238

Details

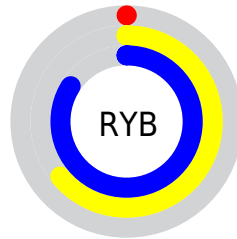
The HunterLab color **69.6583, -57.5299, 37.1238** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **40.4244, 74.2846, -13.0830**, and the grayscale version is **48.7684, -2.6022, 2.6497**.

A 20% lighter version of the original color is **87.2006, -59.7858, 39.7206**, and **49.1059, -42.1084, 29.5217** is the 20% darker color. If you saturate the color by 10%, you get **69.6597, -57.5311, 37.1246**, and if you desaturate by 10%, it is **69.9223, -56.1273, 35.0770**.

Distribution



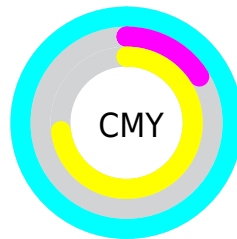
- Red (0%)
- Green (84%)
- Blue (27%)



- Red (0%)
- Yellow (64%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (68%)
- Black (16%)



- Cyan (100%)
- Magenta (16%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.6583, -57.5299, 37.1238 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 69.6583, -57.5299, 37.1238 by changing the saturation by 10% instead.

69.6583, -57.5299,
37.1238

69.6583, -57.5299,
37.1238

195.1585,
-93.8600, 67.7856

58.5172, -52.6927,
33.1021

93.8004, -66.5350,
44.6645

48.0417, -47.5613,
28.8721

106.7391,
-70.7745, 48.2318

38.2788, -42.0602,
24.4006

120.2234,
-74.8744, 51.6896

29.2848, -36.0813,
19.9895

134.2320,
-78.8546, 55.0529

21.1321, -29.4689,
14.7925

148.7461,
-82.7311, 58.3344

13.9187, -24.3577,
9.7431

163.7486,

7.5542, -13.2199,

-86.5172, 61.5447

5.2879

179.2241,
-90.2237, 64.6926

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.6583, -57.5299,
37.1238

■ 69.6583, -57.5299,
37.1238

■ 69.6597, -57.5311,
37.1246

■ 69.9223, -56.1273,
35.0770


■ 70.3466, -53.9853,
32.6619


■ 70.9740, -50.9469,
29.9126


■ 71.8243, -46.9595,
26.8594


■ 72.9106, -42.0107,

23.5390

 74.2405, -36.1213,
19.9933

 75.8171, -29.3388,
16.2675

 77.6399, -21.7313,
12.4070

 79.7047, -13.3799,
8.4558

Harmonies

Analogous

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



69.6597, -31.7283, 44.4781



69.6583, -57.5299, 37.1238



69.6597, -68.2248, 14.3109

Triad

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



69.6597, -57.5308, 37.1241



69.6597, -15.3689, -128.0348



69.6597, 91.2881, 27.0526

Complementary

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



69.6583, -57.5299, 37.1238



40.4244, 74.2846, -13.0830

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.



69.6597, 98.7241, -8.6764



69.6583, -57.5299, 37.1238



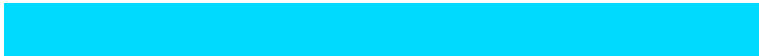
69.6597, 29.5578, -116.5383

Square

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



69.6597, -57.5308, 37.1241



69.6597, -48.0616, -90.7051



69.6597, 73.9207, -65.0442



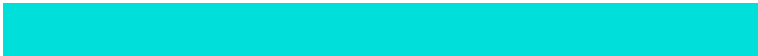
69.6597, 55.5493, 41.6139

Rectangle

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



69.6583, -57.5299, 37.1238



69.6597, -67.7368, -14.0662



69.6597, 73.9207, -65.0442



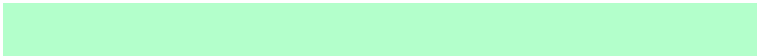
69.6597, 97.4781, 17.8979

Sweetspot

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



69.6597, -57.5308, 37.1241



92.3926, -36.0426, 19.9774



73.6396, -41.7423, 44.6454



42.3510, -18.3576, 10.1473

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



69.6597, -57.5308, 37.1241



84.9309, -70.2535, 45.5009



71.5410, -45.9460, 9.7644



37.3649, -6.0278, 3.8504



54.1718, -44.6291, 28.6313



13.3602, -10.6108, 6.2066

Inverse Universe

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



40.4244, 74.2846, -13.0830



49.2632, 90.4719, -15.5088



38.0065, 65.4759, 21.5388



35.4421, 2.3150, 0.1277



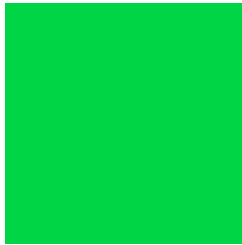
31.4588, 57.8648, -10.6071



7.8215, 14.5524, -3.9215

Previews

White Background



This preview shows how the HunterLab color 69.6583, -57.5299, 37.1238 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 69.6583, -57.5299, 37.1238 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 69.6583, -57.5299, 37.1238 Background



This preview shows how black text looks on a background with the HunterLab color 69.6583, -57.5299, 37.1238.



This preview shows how white text looks on a background with the HunterLab color 69.6583, -57.5299, 37.1238.

-57.5299, 37.1238.

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

69.6583, -57.5299, 37.1238

Protanopia

68.9906, -9.0663, 38.5589

Deuteranopia

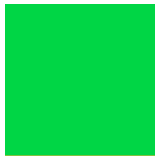
68.7111, 5.3285, 35.5446



Tritanopia

69.4929, -26.6270, -13.0724

Trichromacy



Original Color

69.6583, -57.5299, 37.1238



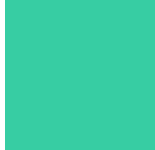
Protanomaly

66.4426, -36.6285, 35.9721



Deuteranomaly

65.4678, -29.9405, 33.4581



Tritanomaly

68.6434, -42.0681, 11.6325

Monochromacy



Original Color

69.6583, -57.5299, 37.1238



Achromatopsia

48.4304, -2.5841, 2.6313



Achromatomaly

53.7566, -29.3866, 16.3398

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.6583, -57.5299, 37.1238 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, 214, 69)` looks like.

```
.text, #text, p{  
    color:rgb(0, 214, 69)  
}
```

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, 214, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 214, 69) }
```

Border

The CSS property to change the border of an element to HunterLab 69.6583, -57.5299, 37.1238 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, 214, 69) }
```


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

```
.border{ border-color:rgb(0, 214, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 214, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 214, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 214, 69);  
box-shadow:4px 4px 4px 4px rgb(0, 214, 69)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 69.6583, -57.5299, 37.1238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 214, 69) }
```

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

```
.background{ background-color: rgb(0, 214,  
69) }
```

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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