

Converting Colors

HunterLab(70.8497, -57.8880,
36.4077)

Have a look what the booklet for
HunterLab(70.8497, -57.8880,
36.4077) contains.

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Color

**HunterLab(70.8451,
-57.9050, 36.4500)**

Conversions

Conversions Part 1

Format	Color
Hex	00D94F
RGB	0, 217, 79
RGB Percent	0%, 85%, 31%
CMY	1.0000, 0.1490, 0.6902
CMYK	1.00, 0.00, 0.64, 0.15
HSL	142°, 100%, 43%
HSV	142°, 100%, 85%
XYZ	26.2242, 50.1903, 15.7027
YIQ	136.3850, -85.0340, -88.9220

Conversions

Conversions Part 2

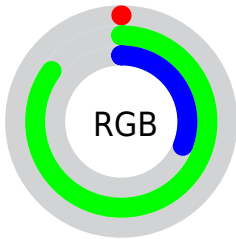
Format	Color
RYB	0, 159, 217
Decimal	55631
CIELab	76.19, -71.85, 54.06
CIELCh	76, 89.914, 143.042
Yxy	50.1923, 0.2847, 0.5448
Android (android.graphics.Color)	4278245711 (0xFF00D94F)
YUV	136.3850, -28.2908, -119.6096
Hunter-Lab	70.8451, -57.9050, 36.4500

Details

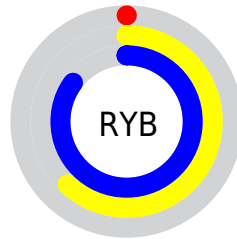
The HunterLab color **70.8451, -57.9050, 36.4500** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **40.7278, 74.2525, -8.6096**, and the grayscale version is **49.9063, -2.6629, 2.7115**.

A 20% lighter version of the original color is **87.3371, -58.9525, 37.7204**, and **50.1918, -42.6802, 29.3989** is the 20% darker color. If you saturate the color by 10%, you get **70.8465, -57.9061, 36.4508**, and if you desaturate by 10%, it is **71.1209, -56.4321, 34.2409**.

Distribution



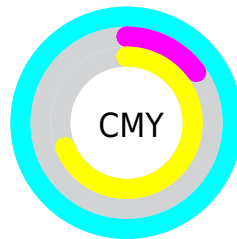
- Red (0%)
- Green (85%)
- Blue (31%)



- Red (0%)
- Yellow (62%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (64%)
- Black (15%)



- Cyan (100%)
- Magenta (15%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.8451, -57.9050, 36.4500 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 70.8451, -57.9050, 36.4500 by changing the saturation by 10% instead.

70.8451, -57.9050,
36.4500

70.8451, -57.9050,
36.4500

196.8293,
-94.0414, 65.6750

59.6374, -53.1063,
32.6368

95.1104, -66.8487,
43.6100

49.0911, -48.0208,
28.6279

108.1064,
-71.0630, 47.0030

39.2522, -42.5759,
24.3880

121.6458,
-75.1406, 50.2958

30.1758, -36.6677,
19.9784

135.7074,
-79.1006, 53.5024

21.9323, -30.1462,
15.3526

150.2727,
-82.9589, 56.6346

14.6163, -25.5785,
10.2314

165.3247,

8.2762, -14.4834,

-86.7282, 59.7021

5.7934

180.8482,
-90.4194, 62.7133

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.8451, -57.9050,
36.4500

■ 70.8451, -57.9050,
36.4500

■ 70.8465, -57.9061,
36.4508

■ 71.1209, -56.4321,
34.2409


■ 71.5565, -54.2288,
31.7081


■ 72.1949, -51.1392,
28.8918


■ 73.0559, -47.1109,
25.8265


■ 74.1526, -42.1311,

22.5515

 75.4928, -36.2195,
19.1093

 77.0800, -29.4225,
15.5437

 78.9134, -21.8065,
11.8981

 80.9893, -13.4511,
8.2131

Harmonies

Analogous

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



70.8466, -32.9758, 44.5524



70.8451, -57.9050, 36.4500



70.8466, -67.9475, 12.6293

Triad

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



70.8466, -57.9059, 36.4503



70.8466, -13.3997, -124.5533



70.8466, 88.0205, 28.0067

Complementary

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



70.8451, -57.9050, 36.4500



40.7278, 74.2525, -8.6096

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.



70.8466, 96.7641, -6.2052



70.8451, -57.9050, 36.4500



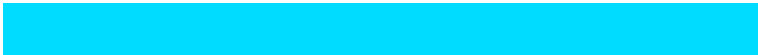
70.8466, 31.0650, -111.2034

Square

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



70.8466, -57.9059, 36.4503



70.8466, -46.4695, -90.4287



70.8466, 73.9164, -60.4812



70.8466, 52.2494, 42.0675

Rectangle

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



70.8451, -57.9050, 36.4500



70.8466, -67.0385, -15.9911



70.8466, 73.9164, -60.4812



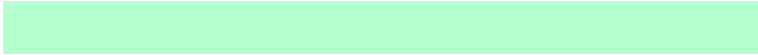
70.8466, 94.5163, 19.2316

Sweetspot

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



70.8466, -57.9059, 36.4503



92.4757, -35.5597, 18.7795



74.3608, -44.1766, 45.0473



42.3933, -18.1102, 9.5370

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.8466, -57.9059, 36.4503



85.0337, -69.6108, 43.9849



72.8749, -45.4434, 7.0123



38.3200, -6.1246, 3.7826



55.1372, -44.9472, 28.1115



14.0917, -11.0812, 6.3077

Inverse Universe

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



40.7278, 74.2525, -8.6096



48.8616, 89.0277, -9.9048



38.5483, 66.2929, 22.7508



36.3183, 2.3158, 0.3112



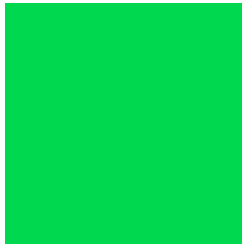
31.7201, 57.8894, -7.1601



8.1742, 15.0953, -3.2196

Previews

White Background



This preview shows how the HunterLab color 70.8451, -57.9050, 36.4500 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 70.8451, -57.9050, 36.4500 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 70.8451, -57.9050, 36.4500 Background



This preview shows how black text looks on a background with the HunterLab color 70.8451, -57.9050, 36.4500.



This preview shows how white text looks on a background with the HunterLab color 70.8451, -57.9050, 36.4500.

-57.9050, 36.4500.

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

70.8451, -57.9050, 36.4500

Protanopia

70.2800, -8.9809, 38.2607

Deuteranopia

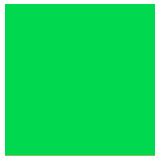
69.8982, 5.1685, 34.7660



Tritanopia

70.6438, -27.0924, -13.7718

Trichromacy



Original Color

70.8451, -57.9050, 36.4500



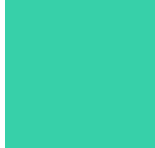
Protanomaly

67.6570, -36.8434, 35.5211



Deuteranomaly

66.7071, -29.9748, 32.5656



Tritanomaly

69.8488, -42.2659, 10.4387

Monochromacy



Original Color

70.8451, -57.9050, 36.4500



Achromatopsia

49.6187, -2.6475, 2.6959



Achromatomaly

54.9311, -29.5789, 15.8238

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.8451, -57.9050, 36.4500 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, 217, 79)` looks like.

```
.text, #text, p{  
    color:rgb(0, 217, 79)  
}
```

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, 217, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 217, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 70.8451, -57.9050, 36.4500 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, 217, 79) }
```


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

```
.border{ border-color:rgb(0, 217, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 217, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 217, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 217, 79);  
box-shadow:4px 4px 4px 4px rgb(0, 217, 79)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 70.8451, -57.9050, 36.4500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 217, 79) }
```

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

```
.background{ background-color: rgb(0, 217,  
79) }
```

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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