

Converting Colors

HunterLab(71.7211, -48.1138,
37.0138)

Have a look what the booklet for
HunterLab(71.7211, -48.1138,
37.0138) contains.

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Color

**HunterLab(71.8438,
-48.2000, 37.1628)**

Conversions

Conversions Part 1

Format	Color
Hex	68D650
RGB	104, 214, 80
RGB Percent	41%, 84%, 31%
CMY	0.5922, 0.1608, 0.6863
CMYK	0.51, 0.00, 0.63, 0.16
HSL	109°, 62%, 58%
HSV	109°, 63%, 84%
XYZ	31.2034, 51.6153, 15.9075
YIQ	165.8340, -22.5460, -64.9940

Conversions

Conversions Part 2

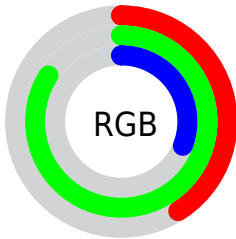
Format	Color
R _Y B	80, 214, 190
Decimal	6870608
CIE Lab	77.05, -56.15, 55.10
CIE LCh	77, 78.669, 135.546
Yxy	51.6175, 0.3161, 0.5228
Android (android.graphics.Color)	4285060688 (0xFF68D650)
YUV	165.8340, -42.3162, -54.2284
Hunter-Lab	71.8438, -48.2000, 37.1628

Details

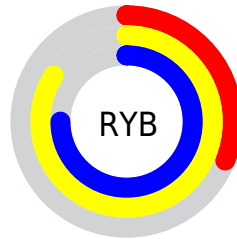
The HunterLab color **71.8438, -48.2000, 37.1628** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **46.4125, 58.1710, -51.6556**, and the grayscale version is **61.8598, -3.3007, 3.3610**.

A 20% lighter version of the original color is **90.0154, -48.1305, 39.7688**, and **49.9011, -40.3772, 29.1990** is the 20% darker color. If you saturate the color by 10%, you get **70.9971, -52.0766, 39.4259**, and if you desaturate by 10%, it is **72.9033, -43.3994, 34.0653**.

Distribution



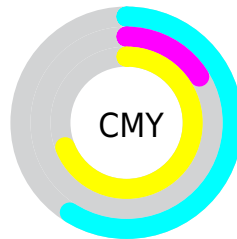
- Red (41%)
- Green (84%)
- Blue (31%)



- Red (31%)
- Yellow (84%)
- Blue (75%)



- Cyan (51%)
- Magenta (0%)
- Yellow (63%)
- Black (16%)



- Cyan (59%)
- Magenta (16%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.8438, -48.2000, 37.1628 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 71.8438, -48.2000, 37.1628 by changing the saturation by 10% instead.

71.8438, -48.2000,
37.1628

71.8438, -48.2000,
37.1628

198.2317,
-77.4064, 66.7913

60.5808, -44.4133,
33.2989

96.2117, -55.3173,
44.4213

49.9755, -40.4231,
29.2388

109.2556,
-58.6970, 47.8617

40.0735, -36.1760,
24.9480

122.8409,
-61.9826, 51.2004

30.9286, -31.5934,
20.4724

136.9468,
-65.1881, 54.4518

22.6098, -26.5565,
15.8268

151.5548,
-68.3248, 57.6274

15.2090, -21.6468,
10.6463

166.6481,

8.8354, -15.4620,

-71.4018, 60.7373

6.1848

182.2117,
-74.4268, 63.7895

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.8438, -48.2000,
37.1628

■ 71.8438, -48.2000,
37.1628

■ 70.9971, -52.0766,
39.4259

■ 72.9033, -43.3994,
34.0653

■ 70.3493, -55.0362,
40.8962

■ 74.1762, -37.6883,
30.1202

■ 69.8881, -57.1245,
41.6554

■ 75.6660, -31.1077,
25.3410

■ 69.6516, -58.1830,
41.9004

■ 77.3718, -23.7150,
19.7609

■ 79.2899, -15.5797,

13.4279

■ 81.4151, -6.7780,
6.4004

■ 83.7404, 2.6111,
-1.2575

■ 86.2577, 12.5100,
-9.4800

■ 87.5072, 16.8569,
-9.8842

Harmonies

Analogous

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



71.8453, -22.0672, 43.4806



71.8438, -48.2000, 37.1628



71.8453, -60.9348, 18.9418

Triad

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



71.8453, -48.2012, 37.1632



71.8453, -20.8780, -98.4962



71.8453, 79.1429, 19.8989

Complementary

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



71.8438, -48.2000, 37.1628



46.4125, 58.1710, -51.6556

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.



71.8453, 79.6432, -15.2892



71.8438, -48.2000, 37.1628



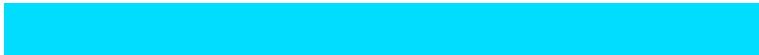
71.8453, 16.4135, -97.7656

Square

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



71.8453, -48.2012, 37.1632



71.8453, -47.4845, -63.8277



71.8453, 54.8626, -62.1608



71.8453, 53.6098, 37.5555

Rectangle

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



71.8438, -48.2000, 37.1628



71.8453, -62.1960, -3.0004



71.8453, 54.8626, -62.1608



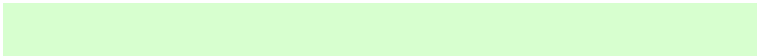
71.8453, 82.3946, 10.1969

Sweetspot

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



71.8453, -48.2012, 37.1632



95.1233, -25.6178, 21.5515



71.7354, -7.4101, 37.8000



43.7061, -13.1431, 10.9671

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.8453, -48.2012, 37.1632



86.3041, -64.7539, 48.7399



71.5659, -48.1790, 27.8832



37.4190, -6.0083, 5.2682



54.1796, -45.1067, 32.5955



13.4291, -10.5568, 8.0901

Inverse Universe

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



46.4125, 58.1710, -51.6556



51.1779, 83.4785, -76.6068



47.9549, 57.5501, -17.4312



35.3766, 2.2964, -1.5197



29.2098, 60.0689, -59.0016



7.3802, 15.0371, -13.8216

Previews

White Background



This preview shows how the HunterLab color 71.8438, -48.2000, 37.1628 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 71.8438, -48.2000, 37.1628 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 71.8438, -48.2000, 37.1628 Background



This preview shows how black text looks on a background with the HunterLab color 71.8438, -48.2000, 37.1628.



This preview shows how white text looks on a background with the HunterLab color 71.8438,

-48.2000, 37.1628.

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

71.8438, -48.2000, 37.1628

Protanopia

71.2216, -8.6876, 38.4870

Deuteranopia

71.2070, 5.1661, 35.9138



Tritanopia

71.5148, -18.9746, -10.6893

Trichromacy



Original Color

71.8438, -48.2000, 37.1628



Protanomaly

70.4845, -25.8177, 37.2287



Deuteranomaly

69.8643, -18.0741, 35.2621



Tritanomaly

71.0757, -32.2352, 12.7352

Monochromacy



Original Color

71.8438, -48.2000, 37.1628



Achromatopsia

61.7516, -3.2949, 3.3551



Achromatomaly

64.3862, -22.2027, 18.1784

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.8438, -48.2000, 37.1628 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(104, 214, 80)` looks like.

```
.text, #text, p{  
    color:rgb(104, 214, 80)  
}
```

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(104, 214, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 214, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 71.8438, -48.2000, 37.1628 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(104, 214, 80) }
```


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

```
.border{ border-color:rgb(104, 214, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 214, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 214, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 214, 80);  
box-shadow:4px 4px 4px 4px rgb(104, 214,  
80) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.8438, -48.2000, 37.1628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 214, 80) }
```

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

```
.background{ background-color: rgb(104,  
214, 80) }
```

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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