

Converting Colors

HunterLab(61.6875, -48.9157,
28.4957)

Have a look what the booklet for
HunterLab(61.6875, -48.9157,
28.4957) contains.

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Color

**HunterLab(61.6033,
-48.8371, 28.4265)**

Conversions

Conversions Part 1

Format	Color
Hex	00BF57
RGB	0, 191, 87
RGB Percent	0%, 75%, 34%
CMY	1.0000, 0.2510, 0.6588
CMYK	1.00, 0.00, 0.54, 0.25
HSL	147°, 100%, 37%
HSV	147°, 100%, 75%
XYZ	20.3511, 37.9497, 15.2692
YIQ	122.0350, -80.4520, -72.8360

Conversions

Conversions Part 2

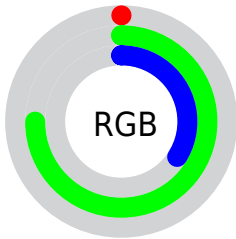
Format	Color
RYB	0, 131, 191
Decimal	48983
CIELab	67.98, -62.87, 40.89
CIELCh	68, 75.001, 146.961
Yxy	37.9512, 0.2766, 0.5158
Android (android.graphics.Color)	4278239063 (0xFF00BF57)
YUV	122.0350, -17.2723, -107.0247
Hunter-Lab	61.6033, -48.8371, 28.4265

Details

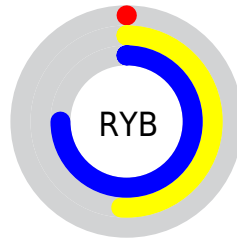
The HunterLab color **61.6033, -48.8371, 28.4265** is a dark color, and the websafe version is hex **00CC66**. A complement of this color would be **34.7513, 62.3881, 0.1578**, and the grayscale version is **44.2184, -2.3594, 2.4025**.

A 20% lighter version of the original color is **84.9777, -57.1839, 34.3194**, and **42.1138, -35.0328, 22.9872** is the 20% darker color. If you saturate the color by 10%, you get **61.6045, -48.8383, 28.4276**, and if you desaturate by 10%, it is **61.8653, -47.4459, 26.3573**.

Distribution



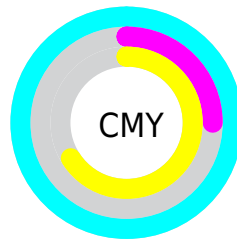
- Red (0%)
- Green (75%)
- Blue (34%)



- Red (0%)
- Yellow (51%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (54%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.6033, -48.8371, 28.4265 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 61.6033, -48.8371, 28.4265 by changing the saturation by 10% instead.

■ 61.6033, -48.8371,
28.4265

■ 61.6033, -48.8371,
28.4265

183.6874,
-81.8056, 52.1826

■ 50.9361, -44.4188,
25.3416

■ 84.8725, -57.0269,
34.2094

■ 40.9663, -39.7089,
22.0845

■ 97.4053, -60.8734,
36.9529

■ 31.7481, -34.6225,
18.6114

■ 110.5007,
-64.5906, 39.6205

■ 23.3488, -29.0328,
15.0378

■ 124.1354,
-68.1981, 42.2246

■ 15.8576, -23.7259,
11.1003

■ 138.2889,
-71.7117, 44.7753

■ 9.4019, -16.4532,
6.5813

152.9428,

0.0000, NaN, NaN

-75.1440, 47.2809

0.0000, NaN, NaN

168.0807,
-78.5058, 49.7481

0.0000, NaN, NaN

■ 61.6033, -48.8371,
28.4265

■ 61.6033, -48.8371,
28.4265

■ 61.6045, -48.8383,
28.4276

■ 61.8653, -47.4459,
26.3573

■ 62.2556, -45.4819,
24.1060

■ 62.8131, -42.8043,
21.7175

■ 63.5537, -39.3717,
19.2251

■ 64.4883, -35.1740,
16.6628

■ 65.6234, -30.2260,
14.0645

■ 66.9617, -24.5635,
11.4629

■ 68.5032, -18.2376,
8.8881

■ 70.2450, -11.3101,
6.3666

Harmonies

Analogous

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



61.6046, -30.0634, 36.9185



61.6033, -48.8371, 28.4265



61.6046, -55.6660, 6.5405

Triad

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



61.6046, -48.8378, 28.4268



61.6046, -6.6968, -95.7784



61.6046, 65.9627, 25.3066

Complementary

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



61.6033, -48.8371, 28.4265



34.7513, 62.3881, 0.1578

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.



61.6046, 75.9279, -0.0138



61.6033, -48.8371, 28.4265



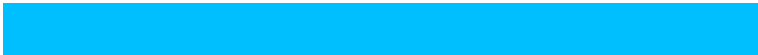
61.6046, 29.0159, -81.0696

Square

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



61.6046, -48.8378, 28.4268



61.6046, -34.8586, -74.2006



61.6046, 61.1738, -40.7495



61.6046, 36.2795, 35.9198

Rectangle

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



61.6033, -48.8371, 28.4265



61.6046, -53.9271, -17.5353



61.6046, 61.1738, -40.7495



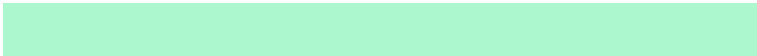
61.6046, 71.9739, 18.7940

Sweetspot

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



61.6046, -48.8378, 28.4268



89.5203, -33.2558, 15.5065



63.4583, -42.2389, 38.3631



41.5784, -17.1440, 7.9621



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



61.6046, -48.8378, 28.4268



82.4139, -65.5380, 38.4676



63.7322, -35.8578, -2.2526



32.7414, -5.0438, 2.8871



49.9559, -39.4924, 22.8123



9.9536, -7.4041, 3.5421

Inverse Universe

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



34.7513, 62.3881, 0.1578



46.4524, 83.2978, 0.9735



33.3135, 57.1120, 21.0390



31.0176, 1.7799, 0.6321



28.2003, 50.6813, -0.2853



5.6970, 10.4482, -1.6826

Previews

White Background



This preview shows how the HunterLab color 61.6033, -48.8371, 28.4265 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 61.6033, -48.8371, 28.4265 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 61.6033, -48.8371, 28.4265 Background



This preview shows how black text looks on a background with the HunterLab color 61.6033, -48.8371, 28.4265.



This preview shows how white text looks on a background with the HunterLab color 61.6033, -48.8371, 28.4265.

-48.8371, 28.4265.

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

61.6033, -48.8371, 28.4265

Protanopia

61.1600, -7.4432, 30.5688

Deuteranopia

61.0228, 4.3293, 26.9257



Tritanopia

61.6388, -24.2258, -11.5366

Trichromacy



Original Color

61.6033, -48.8371, 28.4265



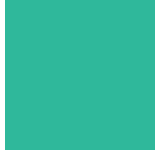
Protanomaly

58.8041, -30.5901, 27.8504



Deuteranomaly

58.0330, -24.9197, 24.7432



Tritanomaly

61.0343, -35.9498, 6.8556

Monochromacy



Original Color

61.6033, -48.8371, 28.4265



Achromatopsia

44.1155, -2.3539, 2.3969



Achromatomaly

48.5708, -24.9637, 11.8311

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.6033, -48.8371, 28.4265 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, 191, 87)` looks like.

```
.text, #text, p{  
    color:rgb(0, 191, 87)  
}
```

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, 191, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 191, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 61.6033, -48.8371, 28.4265 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, 191, 87) }
```


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

```
.border{ border-color:rgb(0, 191, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 191, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 191, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 191, 87);  
box-shadow:4px 4px 4px 4px rgb(0, 191, 87)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 61.6033, -48.8371, 28.4265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 191, 87) }
```

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

```
.background{ background-color: rgb(0, 191,  
87) }
```

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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