

Converting Colors

HunterLab(61.7507, -48.5527,
27.6285)

Have a look what the booklet for
HunterLab(61.7507, -48.5527,
27.6285) contains.

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Color

**HunterLab(61.6579,
-48.4982, 27.6268)**

Conversions

Conversions Part 1

Format	Color
Hex	00BF5B
RGB	0, 191, 91
RGB Percent	0%, 75%, 36%
CMY	1.0000, 0.2510, 0.6431
CMYK	1.00, 0.00, 0.52, 0.25
HSL	149°, 100%, 37%
HSV	149°, 100%, 75%
XYZ	20.5192, 38.0170, 16.1541
YIQ	122.4910, -81.7360, -71.5920

Conversions

Conversions Part 2

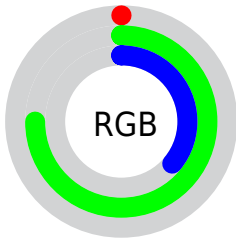
Format	Color
RYB	0, 129, 191
Decimal	48987
CIELab	68.03, -62.27, 39.01
CIELCh	68, 73.475, 147.934
Yxy	38.0185, 0.2747, 0.5090
Android (android.graphics.Color)	4278239067 (0xFF00BF5B)
YUV	122.4910, -15.5251, -107.4246
Hunter-Lab	61.6579, -48.4982, 27.6268

Details

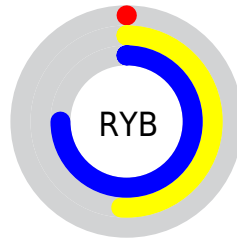
The HunterLab color **61.6579, -48.4982, 27.6268** is a dark color, and the websafe version is hex **00CC66**. A complement of this color would be **34.6371, 61.9725, 1.7858**, and the grayscale version is **44.3901, -2.3685, 2.4118**.

A 20% lighter version of the original color is **85.0478, -56.7570, 33.2962**, and **42.1526, -34.7900, 22.4145** is the 20% darker color. If you saturate the color by 10%, you get **61.6590, -48.4995, 27.6282**, and if you desaturate by 10%, it is **61.9211, -47.1007, 25.5413**.

Distribution



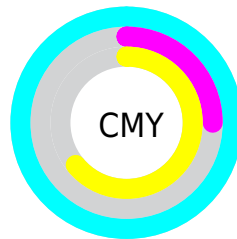
- Red (0%)
- Green (75%)
- Blue (36%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (52%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.6579, -48.4982, 27.6268 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 61.6579, -48.4982, 27.6268 by changing the saturation by 10% instead.

■ 61.6579, -48.4982,
27.6268

■ 61.6579, -48.4982,
27.6268

183.7660,
-81.1854, 50.5153

■ 50.9873, -44.1221,
24.6693

■ 84.9332, -56.6127,
33.1793

■ 41.0139, -39.4584,
21.5490

■ 97.4689, -60.4252,
35.8178

■ 31.7919, -34.4231,
18.2229

■ 110.5670,
-64.1102, 38.3860

■ 23.3883, -28.8909,
14.7186

■ 124.2043,
-67.6872, 40.8956

■ 15.8923, -23.5703,
11.1246

■ 138.3604,
-71.1717, 43.3563

■ 9.4310, -16.5043,
6.6017

153.0168,

0.0000, NaN, NaN

-74.5762, 45.7758

0.0000, NaN, NaN

168.1570,
-77.9113, 48.1603

0.0000, NaN, NaN

■ 61.6579, -48.4982,
27.6268

■ 61.6579, -48.4982,
27.6268

■ 61.6590, -48.4995,
27.6282

■ 61.9211, -47.1007,
25.5413

■ 62.3113, -45.1397,
23.2948

■ 62.8671, -42.4751,
20.9335

■ 63.6045, -39.0656,
18.4910

■ 64.5343, -34.9004,
16.0011

■ 65.6629, -29.9939,
13.4971

■ 66.9935, -24.3805,
11.0104

■ 68.5257, -18.1103,
8.5696

■ 70.2570, -11.2438,
6.1994

Harmonies

Analogous

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



61.6592, -30.3712, 36.4675



61.6579, -48.4982, 27.6268



61.6592, -54.8867, 5.4994

Triad

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



61.6592, -48.4989, 27.6272



61.6592, -5.5711, -93.0135



61.6592, 63.6307, 25.5194

Complementary

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



61.6579, -48.4982, 27.6268



34.6371, 61.9725, 1.7858

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.



61.6592, 74.0931, 1.1334



61.6579, -48.4982, 27.6268



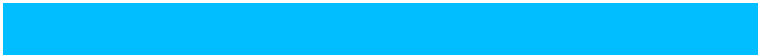
61.6592, 29.4524, -77.6961

Square

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



61.6592, -48.4989, 27.6272



61.6592, -33.5808, -73.1768



61.6592, 60.4598, -38.2255



61.6592, 34.2733, 35.7802

Rectangle

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



61.6579, -48.4982, 27.6268



61.6592, -52.9230, -18.3546



61.6592, 60.4598, -38.2255



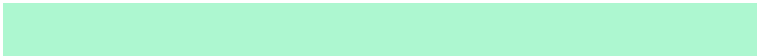
61.6592, 69.7141, 19.2433

Sweetspot

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



61.6592, -48.4989, 27.6272



89.5629, -33.0088, 14.8934



63.3091, -42.8503, 38.2604



41.6006, -17.0146, 7.6428



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.



61.6592, -48.4989, 27.6272



82.4864, -65.0873, 37.4039



63.8362, -35.2358, -3.7251



32.7464, -5.0154, 2.8144



50.0003, -39.2166, 22.1613



9.9625, -7.3495, 3.4133

Inverse Universe

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



34.6371, 61.9725, 1.7858



46.2994, 82.7416, 3.1547



33.3031, 57.0729, 21.1944



31.0122, 1.7508, 0.7092



28.1076, 50.3448, 1.0332



5.6799, 10.3867, -1.4442

Previews

White Background



This preview shows how the HunterLab color 61.6579, -48.4982, 27.6268 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 61.6579, -48.4982, 27.6268 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 61.6579, -48.4982, 27.6268 Background



This preview shows how black text looks on a background with the HunterLab color 61.6579, -48.4982, 27.6268.



This preview shows how white text looks on a background with the HunterLab color 61.6579, -48.4982, 27.6268.

-48.4982, 27.6268.

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

61.6579, -48.4982, 27.6268

Protanopia

61.2083, -7.1753, 29.8582

Deuteranopia

60.9723, 4.2836, 25.9219



Tritanopia

61.6388, -24.2258, -11.5366

Trichromacy



Original Color

61.6579, -48.4982, 27.6268



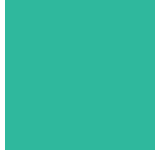
Protanomaly

58.8566, -30.2781, 27.0795



Deuteranomaly

58.0956, -24.5532, 23.8267



Tritanomaly

61.0898, -35.6163, 6.0612

Monochromacy



Original Color

61.6579, -48.4982, 27.6268



Achromatopsia

44.1155, -2.3539, 2.3969



Achromatomaly

48.6157, -24.6976, 11.1834

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.6579, -48.4982, 27.6268 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, 91)` looks like.

```
.text, #text, p{  
    color:rgb(0, 191, 91)  
}
```

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, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 191, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 61.6579, -48.4982, 27.6268 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, 91) }
```


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

```
.border{ border-color:rgb(0, 191, 91) }
```

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, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 191, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 191, 91);  
box-shadow:4px 4px 4px 4px rgb(0, 191, 91)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 61.6579, -48.4982, 27.6268 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, 91) }
```

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

```
.background{ background-color: rgb(0, 191,  
91) }
```

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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