

Converting Colors

HunterLab(59.7135, -48.3589,
29.7563)

Have a look what the booklet for
HunterLab(59.7135, -48.3589,
29.7563) contains.

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Color

**HunterLab(59.6648,
-48.2843, 29.6561)**

Conversions

Conversions Part 1

Format	Color
Hex	00BA49
RGB	0, 186, 73
RGB Percent	0%, 73%, 29%
CMY	1.0000, 0.2706, 0.7137
CMYK	1.00, 0.00, 0.61, 0.27
HSL	144°, 100%, 36%
HSV	144°, 100%, 73%
XYZ	18.7615, 35.5989, 12.1858
YIQ	117.5040, -74.5830, -74.5750

Conversions

Conversions Part 2

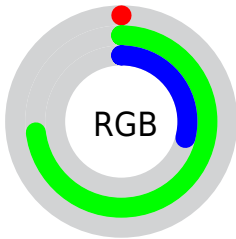
Format	Color
RYB	0, 134, 186
Decimal	47689
CIELab	66.21, -63.24, 45.36
CIELCh	66, 77.826, 144.347
Yxy	35.6003, 0.2819, 0.5349
Android (android.graphics.Color)	4278237769 (0xFF00BA49)
YUV	117.5040, -21.9405, -103.0510
Hunter-Lab	59.6648, -48.2843, 29.6561

Details

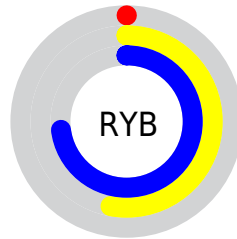
The HunterLab color **59.6648, -48.2843, 29.6561** is a dark color, and the websafe version is hex **00CC66**. A complement of this color would be **34.1057, 61.9022, -5.0617**, and the grayscale version is **42.4759, -2.2664, 2.3078**.

A 20% lighter version of the original color is **82.5368, -56.4575, 35.9330**, and **40.3480, -34.1824, 23.3585** is the 20% darker color. If you saturate the color by 10%, you get **59.6660, -48.2853, 29.6568**, and if you desaturate by 10%, it is **59.9154, -46.9582, 27.7357**.

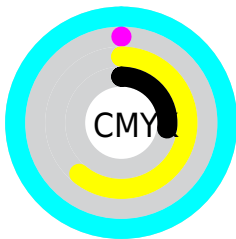
Distribution



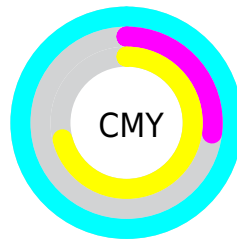
- Red (0%)
- Green (73%)
- Blue (29%)



- Red (0%)
- Yellow (53%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (61%)
- Black (27%)





- Cyan (100%)
- Magenta (27%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 59.6648, -48.2843, 29.6561 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 59.6648, -48.2843, 29.6561 by changing the saturation by 10% instead.


 59.6648, -48.2843,
29.6561


 59.6648, -48.2843,
29.6561


180.8896,
-81.6048, 55.6088


 49.1179, -43.7945,
26.2385


 82.7132, -56.5867,
36.0335


 39.2771, -38.9978,
22.6208


 95.1437, -60.4789,
39.0452


 30.1986, -33.8029,
18.7588


 108.1412,
-64.2366, 41.9649

 21.9527, -28.0729,
15.3669

 121.6820,
-67.8805, 44.8071

 14.6342, -23.6306,
10.2439

 135.7450,
-71.4271, 47.5838

 8.2938, -14.5141,
5.8056

 150.3116,

0.0000, NaN, NaN

-74.8897, 50.3045

0.0000, NaN, NaN

165.3648,
-78.2792, 52.9773

0.0000, NaN, NaN

■ 59.6648, -48.2843,
29.6561

■ 59.6648, -48.2843,
29.6561

■ 59.6660, -48.2853,
29.6568

■ 59.9154, -46.9582,
27.7357

■ 60.2939, -45.0520,
25.5758

■ 60.8391, -42.4243,
23.2160

■ 61.5663, -39.0355,
20.6862

■ 62.4861, -34.8767,
18.0192

■ 63.6046, -29.9647,
15.2492

■ 64.9245, -24.3371,
12.4110

■ 66.4451, -18.0467,
9.5379

■ 68.1636, -11.1571,
6.6607

Harmonies

Analogous

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



59.6660, -28.2682, 36.9578



59.6648, -48.2843, 29.6561



59.6660, -56.1092, 9.1658

Triad

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



59.6660, -48.2850, 29.6564



59.6660, -9.6158, -100.6688



59.6660, 70.5465, 23.9300

Complementary

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



59.6648, -48.2843, 29.6561



34.1057, 61.9022, -5.0617

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.



59.6660, 78.7466, -3.3463



59.6648, -48.2843, 29.6561



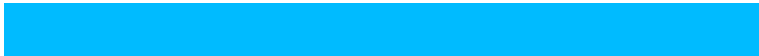
59.6660, 26.8734, -88.2912

Square

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



59.6660, -48.2850, 29.6564



59.6660, -37.2981, -74.7256



59.6660, 61.2536, -46.8310



59.6660, 40.8775, 35.2217

Rectangle

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



59.6648, -48.2843, 29.6561



59.6660, -55.0292, -14.7091



59.6660, 61.2536, -46.8310



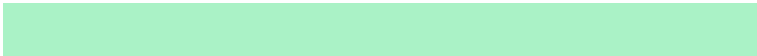
59.6660, 76.1522, 16.9270

Sweetspot

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



59.6660, -48.2850, 29.6564



87.3119, -33.1645, 16.9009



62.2447, -38.4083, 37.6824



40.6068, -17.1142, 8.6944



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



59.6660, -48.2850, 29.6564



80.2999, -65.1778, 40.3322



61.4903, -37.1026, 3.2366



31.8071, -4.9731, 3.0132



48.9527, -39.5160, 24.1171



9.2578, -7.0060, 3.5526

Inverse Universe

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



34.1057, 61.9022, -5.0617



45.8624, 83.1458, -6.0625



32.3982, 55.6574, 19.5761



30.1685, 1.8024, 0.3924



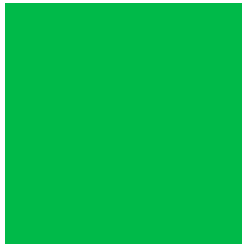
28.0005, 50.8701, -4.5294



5.3683, 9.9496, -2.3937

Previews

White Background



This preview shows how the HunterLab color 59.6648, -48.2843, 29.6561 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 59.6648, -48.2843, 29.6561 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 59.6648, -48.2843, 29.6561 Background



This preview shows how black text looks on a background with the HunterLab color 59.6648, -48.2843, 29.6561.



This preview shows how white text looks on a background with the HunterLab color 59.6648, -48.2843, 29.6561.

-48.2843, 29.6561.

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

59.6648, -48.2843, 29.6561

Protanopia

59.1509, -7.2943, 31.3080

Deuteranopia

59.0057, 4.2970, 28.2112



Tritanopia

59.4633, -22.8990, -11.1982

Trichromacy



Original Color

59.6648, -48.2843, 29.6561



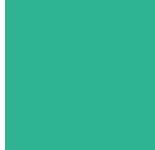
Protanomaly

56.8366, -30.2412, 28.7881



Deuteranomaly

56.1029, -24.5434, 26.3234



Tritanomaly

58.7541, -35.1281, 8.1469

Monochromacy



Original Color

59.6648, -48.2843, 29.6561



Achromatopsia

42.5634, -2.2711, 2.3126



Achromatomaly

47.0107, -24.8490, 12.6790

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.6648, -48.2843, 29.6561 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, 186, 73)` looks like.

```
.text, #text, p{  
    color:rgb(0, 186, 73)  
}
```

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, 186, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 186, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 59.6648, -48.2843, 29.6561 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, 186, 73) }
```


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

```
.border{ border-color:rgb(0, 186, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 186, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 186, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 186, 73);  
box-shadow:4px 4px 4px 4px rgb(0, 186, 73)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 59.6648, -48.2843, 29.6561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 186, 73) }
```

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

```
.background{ background-color: rgb(0, 186,  
73) }
```

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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