

Converting Colors

HunterLab(69.0007, -48.2904,
29.4818)

Have a look what the booklet for
HunterLab(69.0007, -48.2904,
29.4818) contains.

HunterLab(69.0007, -48.2904, 29.4818)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(69.0007,
-48.2904, 29.4818)**

Conversions

Conversions Part 1

Format	Color
Hex	49D06C
RGB	73, 208, 108
RGB Percent	29%, 82%, 42%
CMY	0.7137, 0.1843, 0.5765
CMYK	0.65, 0.00, 0.48, 0.18
HSL	136°, 59%, 55%
HSV	136°, 65%, 82%
XYZ	28.0104, 47.6110, 21.9009
YIQ	156.2350, -48.3600, -59.7200

Conversions

Conversions Part 2

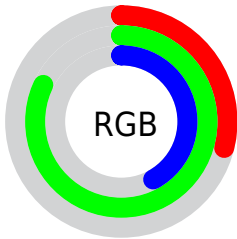
Format	Color
RYB	73, 180, 208
Decimal	4837484
CIELab	74.58, -57.69, 38.99
CIELCh	75, 69.632, 145.950
Yxy	47.6129, 0.2872, 0.4882
Android (android.graphics.Color)	4283027564 (0xFF49D06C)
YUV	156.2350, -23.7799, -72.9971
Hunter-Lab	69.0007, -48.2904, 29.4818

Details

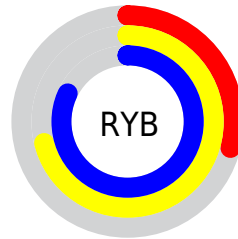
The HunterLab color **69.0007, -48.2904, 29.4818** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **46.0359, 58.7884, -21.5234**, and the grayscale version is **57.8634, -3.0874, 3.1438**.

A 20% lighter version of the original color is **89.0192, -51.1435, 31.5003**, and **47.7095, -38.6250, 23.7475** is the 20% darker color. If you saturate the color by 10%, you get **68.2878, -51.6947, 32.2636**, and if you desaturate by 10%, it is **69.9451, -43.9209, 26.3323**.

Distribution



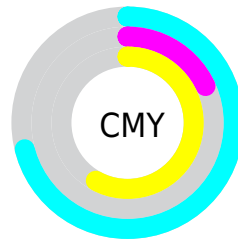
- Red (29%)
- Green (82%)
- Blue (42%)



- Red (29%)
- Yellow (71%)
- Blue (82%)



- Cyan (65%)
- Magenta (0%)
- Yellow (48%)
- Black (18%)



- Cyan (71%)
- Magenta (18%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.0007, -48.2904, 29.4818 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 69.0007, -48.2904, 29.4818 by changing the saturation by 10% instead.

■ 69.0007, -48.2904,
29.4818

■ 69.0007, -48.2904,
29.4818

194.2307,
-78.3525, 52.0252

■ 57.8969, -44.3602,
26.6136

■ 93.0741, -55.6512,
34.9036

■ 47.4610, -40.2071,
23.6052

■ 105.9807,
-59.1371, 37.4936

■ 37.7406, -35.7705,
20.4207

■ 119.4342,
-62.5210, 40.0213

■ 28.7927, -30.9613,
17.0128

■ 133.4132,
-65.8180, 42.4970

■ 20.6911, -25.6436,
13.8043

147.8988,
-69.0405, 44.9290

■ 13.5354, -22.0284,
9.4748

162.8736,

■ 7.1207, -12.4613,

-72.1984, 47.3241

4.9845

178.3223,
-75.3001, 49.6880

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.0007, -48.2904,
29.4818

■ 69.0007, -48.2904,
29.4818

■ 68.2878, -51.6947,
32.2636

■ 69.9451, -43.9209,
26.3323

■ 67.7862, -54.1625,
34.6498

■ 71.1269, -38.5890,
22.8494

■ 67.4740, -55.7708,
36.6240


■ 72.5525, -32.3318,
19.0765


■ 67.3641, -56.3569,
37.4590


■ 74.2228, -25.2095,
15.0605


■ 76.1352, -17.2993,

10.8500

 78.2841, -8.6885,
6.4922

 80.6616, 0.5320,
2.0313

 83.2583, 10.2723,
-2.4935

 85.4803, 18.5822,
-7.8528

Harmonies

Analogous

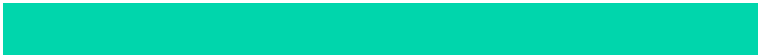
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.0021, -29.0107, 38.7234



69.0007, -48.2904, 29.4818



69.0021, -55.7089, 7.8331

Triad

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



69.0021, -48.2913, 29.4823



69.0021, -8.0538, -86.0313



69.0021, 62.1497, 25.0728

Complementary

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



69.0007, -48.2904, 29.4818



46.0359, 58.7884, -21.5234

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.



69.0021, 70.5681, -0.5862



69.0007, -48.2904, 29.4818



69.0021, 25.9177, -74.1699

Square

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



69.0021, -48.2913, 29.4823



69.0021, -35.3707, -66.0953



69.0021, 56.2577, -38.6277



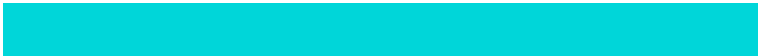
69.0021, 35.0040, 37.1322

Rectangle

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



69.0007, -48.2904, 29.4818



69.0021, -54.1729, -14.7055



69.0021, 56.2577, -38.6277



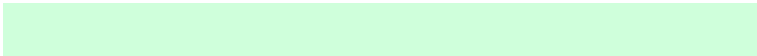
69.0021, 67.4565, 18.2052

Sweetspot

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



69.0021, -48.2913, 29.4823



94.7845, -26.1994, 15.9778



73.9070, -29.6584, 39.9650



43.5323, -13.4454, 8.1000

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



69.0021, -48.2913, 29.4823



85.6967, -66.4740, 41.8907



70.4245, -39.6777, 8.8783



36.4086, -5.9599, 3.9911



53.1933, -44.4112, 29.3841



12.6304, -10.1750, 6.1779

Inverse Universe

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



46.0359, 58.7884, -21.5234



53.3203, 85.7584, -28.7700



43.8545, 49.5840, 9.1773



34.5753, 2.3456, -0.1380



31.3528, 58.3879, -16.1380



7.4979, 14.1058, -4.9637

Previews

White Background



This preview shows how the HunterLab color 69.0007, -48.2904, 29.4818 looks on a white background.

Color Contrast Check

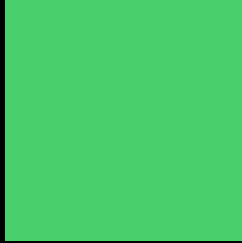
Large Text (above 18pt) WCAG AA × Fail

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 69.0007, -48.2904, 29.4818 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 69.0007, -48.2904, 29.4818 Background



This preview shows how black text looks on a background with the HunterLab color 69.0007, -48.2904, 29.4818.



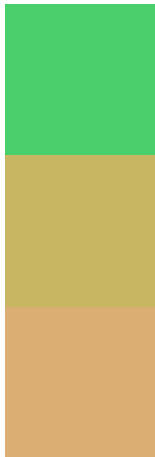
This preview shows how white text looks on a background with the HunterLab color 69.0007,

-48.2904, 29.4818.

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

69.0007, -48.2904, 29.4818

Protanopia

68.2906, -7.6381, 31.6981

Deuteranopia

68.2592, 4.7654, 27.7925



Tritanopia

68.6851, -23.1784, -11.8498

Trichromacy



Original Color

69.0007, -48.2904, 29.4818



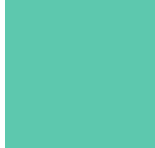
Protanomaly

67.1498, -26.1871, 29.8199



Deuteranomaly

66.6461, -19.5001, 26.8272



Tritanomaly

68.3313, -33.8752, 6.7665

Monochromacy



Original Color

69.0007, -48.2904, 29.4818



Achromatopsia

57.6586, -3.0765, 3.1327



Achromatomaly

60.7944, -22.4337, 13.2469

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.0007, -48.2904, 29.4818 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(73, 208, 108)` looks like.

```
.text, #text, p{  
    color:rgb(73, 208, 108)  
}
```

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(73, 208, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 208, 108) }
```

Border

The CSS property to change the border of an element to HunterLab 69.0007, -48.2904, 29.4818 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(73, 208, 108) }
```


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

```
.border{ border-color:rgb(73, 208, 108) }
```

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

Here you see how a box with a 4 pixel rgb(73, 208, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 208, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 208, 108);  
box-shadow:4px 4px 4px 4px rgb(73, 208,  
108) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.0007, -48.2904, 29.4818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 208, 108) }
```

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

```
.background{ background-color: rgb(73, 208,  
108) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor