

Converting Colors

HunterLab(69.2887, -53.7626,
29.4532)

Have a look what the booklet for
HunterLab(69.2887, -53.7626,
29.4532) contains.

HunterLab(69.4198, -53.8494, 29.4766)	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(69.4198,
-53.8494, 29.4766)**

Conversions

Conversions Part 1

Format	Color
Hex	00D46D
RGB	0, 212, 109
RGB Percent	0%, 83%, 43%
CMY	1.0000, 0.1686, 0.5725
CMYK	1.00, 0.00, 0.49, 0.17
HSL	151°, 100%, 42%
HSV	151°, 100%, 83%
XYZ	26.3038, 48.1911, 22.3835
YIQ	136.8700, -93.2890, -76.9770

Conversions

Conversions Part 2

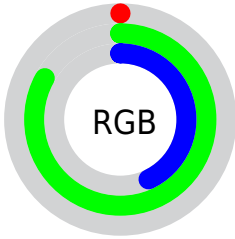
Format	Color
RYB	0, 140, 212
Decimal	54381
CIELab	74.95, -66.17, 38.77
CIELCh	75, 76.690, 149.637
Yxy	48.1930, 0.2715, 0.4974
Android (android.graphics.Color)	4278244461 (0xFF00D46D)
YUV	136.8700, -13.7399, -120.0350
Hunter-Lab	69.4198, -53.8494, 29.4766

Details

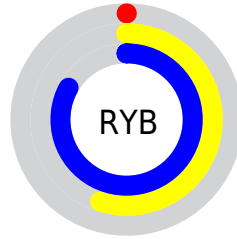
The HunterLab color **69.4198, -53.8494, 29.4766** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **38.7005, 68.8052, 5.3884**, and the grayscale version is **50.0458, -2.6703, 2.7191**.

A 20% lighter version of the original color is **87.7905, -56.0566, 30.0294**, and **49.0843, -39.7932, 24.5509** is the 20% darker color. If you saturate the color by 10%, you get **69.4211, -53.8508, 29.4781**, and if you desaturate by 10%, it is **69.7063, -52.3181, 27.1106**.

Distribution



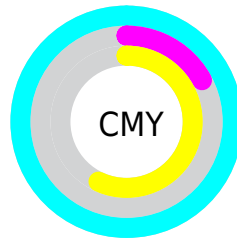
- Red (0%)
- Green (83%)
- Blue (43%)



- Red (0%)
- Yellow (55%)
- Blue (83%)



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)
- Black (17%)



- Cyan (100%)
- Magenta (17%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.4198, -53.8494, 29.4766 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 69.4198, -53.8494, 29.4766 by changing the saturation by 10% instead.

■ 69.4198, -53.8494,
29.4766

■ 69.4198, -53.8494,
29.4766

194.8222,
-87.5990, 51.9039

■ 58.2922, -49.3856,
26.6272

■ 93.5370, -62.1771,
34.8658

■ 47.8310, -44.6568,
23.6397

■ 106.4641,
-66.1063, 37.4414

■ 38.0835, -39.5935,
20.4789

■ 119.9372,
-69.9113, 39.9558

■ 29.1062, -34.0946,
17.0978

■ 133.9351,
-73.6103, 42.4190

■ 20.9719, -28.0110,
13.8411

■ 148.4389,
-77.2176, 44.8393

■ 13.7794, -24.1140,
9.6456

163.4314,

■ 7.4001, -12.9501,

-80.7451, 47.2233

5.1800

178.8971,
-84.2028, 49.5767

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.4198, -53.8494,
29.4766

■ 69.4198, -53.8494,
29.4766

■ 69.4211, -53.8508,
29.4781

■ 69.7063, -52.3181,
27.1106

■ 70.1362, -50.1564,
24.6039

■ 70.7506, -47.2164,
22.0085

■ 71.5681, -43.4487,
19.3635

■ 72.6013, -38.8385,

16.7069

■ 73.8580, -33.3996,
14.0752

■ 75.3418, -27.1687,
11.5021

■ 77.0528, -20.2004,
9.0173

■ 78.9882, -12.5615,
6.6458

Harmonies

Analogous

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



69.4212, -34.6901, 40.0793



69.4198, -53.8494, 29.4766



69.4212, -60.1904, 4.1940

Triad

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



69.4212, -53.8501, 29.4770



69.4212, -4.1451, -99.3782



69.4212, 67.1689, 29.0653

Complementary

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



69.4198, -53.8494, 29.4766



38.7005, 68.8052, 5.3884

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.



69.4212, 79.8199, 3.3610



69.4198, -53.8494, 29.4766



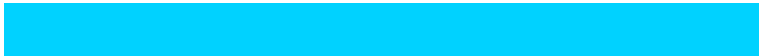
69.4212, 33.8882, -81.1139

Square

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



69.4212, -53.8501, 29.4770



69.4212, -35.3074, -80.2699



69.4212, 66.5702, -38.3538



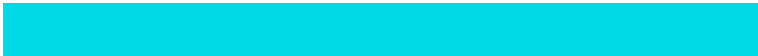
69.4212, 34.8021, 39.9409

Rectangle

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



69.4198, -53.8494, 29.4766



69.4212, -57.5532, -22.1506



69.4212, 66.5702, -38.3538



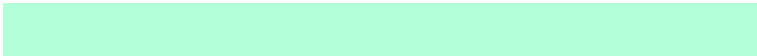
69.4212, 74.1292, 22.4439

Sweetspot

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



69.4212, -53.8501, 29.4770



92.7887, -33.7447, 14.2759



70.8191, -49.6058, 42.7697



42.5537, -17.1731, 7.2252

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



69.4212, -53.8501, 29.4770



85.5345, -66.4946, 36.6320



72.0017, -38.1716, -7.5938



37.4186, -5.7278, 3.0817



54.5629, -42.1951, 22.8881



13.4624, -9.9783, 4.7134

Inverse Universe

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



38.7005, 68.8052, 5.3884



47.6577, 84.6633, 7.1684



37.4137, 64.0706, 24.1753



35.3841, 2.0042, 0.9522



30.4398, 54.1812, 3.7614



7.5866, 13.7090, -0.6534

Previews

White Background



This preview shows how the HunterLab color 69.4198, -53.8494, 29.4766 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 69.4198, -53.8494, 29.4766 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 69.4198, -53.8494, 29.4766 Background



This preview shows how black text looks on a background with the HunterLab color 69.4198, -53.8494, 29.4766.



This preview shows how white text looks on a background with the HunterLab color 69.4198, -53.8494, 29.4766.

-53.8494, 29.4766.

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

69.4198, -53.8494, 29.4766

Protanopia

68.6916, -7.7622, 32.0028

Deuteranopia

68.6903, 4.8250, 27.6171



Tritanopia

69.2934, -27.3880, -13.3683

Trichromacy



Original Color

69.4198, -53.8494, 29.4766



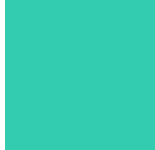
Protanomaly

66.4470, -33.9669, 28.8998



Deuteranomaly

65.4062, -27.4218, 25.1200



Tritanomaly

68.6222, -39.5953, 5.6532

Monochromacy



Original Color

69.4198, -53.8494, 29.4766



Achromatopsia

50.0158, -2.6687, 2.7175



Achromatomaly

54.8721, -27.5933, 11.6336

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.4198, -53.8494, 29.4766 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, 212, 109)` looks like.

```
.text, #text, p{  
    color:rgb(0, 212, 109)  
}
```

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, 212, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 212, 109) }
```

Border

The CSS property to change the border of an element to HunterLab 69.4198, -53.8494, 29.4766 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, 212, 109) }
```


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

```
.border{ border-color:rgb(0, 212, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 212, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 212, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 212, 109);  
box-shadow:4px 4px 4px 4px rgb(0, 212,  
109) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.4198, -53.8494, 29.4766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 212, 109) }
```

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

```
.background{ background-color: rgb(0, 212,  
109) }
```

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