

Converting Colors

HunterLab(62.6407, -48.8200,
27.0929)

Have a look what the booklet for
HunterLab(62.6407, -48.8200,
27.0929) contains.

HunterLab(62.8066, -48.9508, 27.1681)	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(62.8066,
-48.9508, 27.1681)**

Conversions

Conversions Part 1	
Format	Color
Hex	00C261
RGB	0, 194, 97
RGB Percent	0%, 76%, 38%
CMY	1.0000, 0.2392, 0.6196
CMYK	1.00, 0.00, 0.50, 0.24
HSL	150°, 100%, 38%
HSV	150°, 100%, 76%
XYZ	21.4495, 39.4467, 17.7928
YIQ	124.9360, -84.4870, -71.2950

Conversions

Conversions Part 2

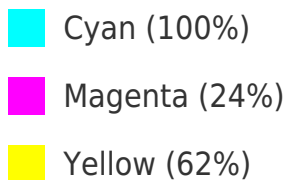
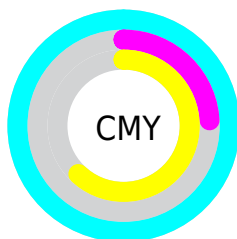
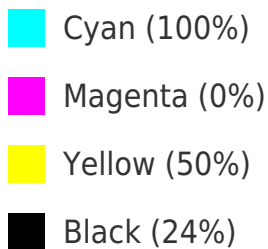
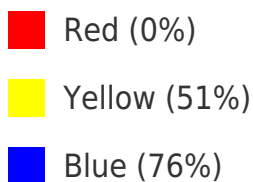
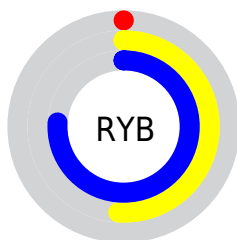
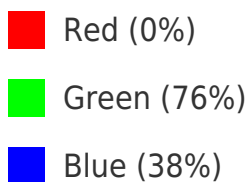
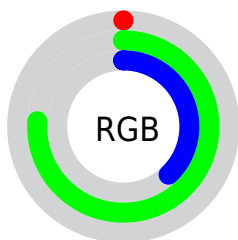
Format	Color
RYB	0, 129, 194
Decimal	49761
CIELab	69.07, -62.28, 37.34
CIELCh	69, 72.617, 149.060
Yxy	39.4483, 0.2726, 0.5013
Android (android.graphics.Color)	4278239841 (0xFF00C261)
YUV	124.9360, -13.7724, -109.5689
Hunter-Lab	62.8066, -48.9508, 27.1681

Details

The HunterLab color **62.8066, -48.9508, 27.1681** 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 **35.1189, 62.5984, 3.6377**, and the grayscale version is **45.3387, -2.4192, 2.4633**.

A 20% lighter version of the original color is **86.2806, -57.1058, 32.6269**, and **43.2093, -35.3563, 22.3162** is the 20% darker color. If you saturate the color by 10%, you get **62.8077, -48.9523, 27.1697**, and if you desaturate by 10%, it is **63.0738, -47.5315, 25.0350**.


Distribution




Brightness & Saturation Gradients


These gradients show how the HunterLab color 62.8066, -48.9508, 27.1681 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 62.8066, -48.9508, 27.1681 by changing the saturation by 10% instead.


 62.8066, -48.9508,
27.1681


 62.8066, -48.9508,
27.1681


185.4165,
-81.5424, 49.2416


 52.0660, -44.5996,
24.3367


 86.2106, -57.0294,
32.4979


 42.0177, -39.9678,
21.3548


 98.8060, -60.8285,
35.0367

 32.7146, -34.9746,
18.1813


 111.9612,
-64.5024, 37.5114

 24.2222, -29.5000,
14.7662

 125.6534,
-68.0700, 39.9329

 16.6267, -23.8722,
11.6387

 139.8623,
-71.5465, 42.3102

 10.0500, -17.5876,
7.0350

154.5698,


0.0000, NaN, NaN


-74.9442, 44.6503


0.0000, NaN, NaN


169.7595,
-78.2734, 46.9591


0.0000, NaN, NaN


 62.8066, -48.9508,
27.1681


 62.8066, -48.9508,
27.1681


 62.8077, -48.9523,
27.1697

 63.0738, -47.5315,
25.0350

 63.4690, -45.5472,
22.7615

 64.0313, -42.8571,
20.3956

 64.7770, -39.4186,
17.9719

 65.7170, -35.2200,
15.5247

■ 66.8581, -30.2749,
13.0867

■ 68.2034, -24.6173,
10.6889

■ 69.7529, -18.2968,
8.3586

■ 71.5040, -11.3737,
6.1191

Harmonies

Analogous

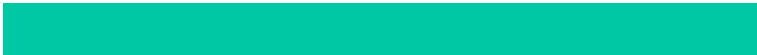
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.8079, -31.2405, 36.5646



62.8066, -48.9508, 27.1681



62.8079, -54.9456, 4.3990

Triad

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



62.8079, -48.9515, 27.1685



62.8079, -4.3901, -91.5167



62.8079, 62.1125, 26.1992

Complementary

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



62.8066, -48.9508, 27.1681



35.1189, 62.5984, 3.6377

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.



62.8079, 73.3019, 2.4225



62.8066, -48.9508, 27.1681



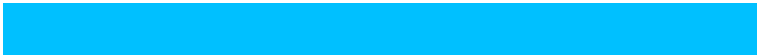
62.8079, 30.4464, -75.2863

Square

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



62.8079, -48.9515, 27.1685



62.8079, -32.7012, -73.2691



62.8079, 60.6868, -36.0929



62.8079, 32.6197, 36.2420

Rectangle

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



62.8066, -48.9508, 27.1681



62.8079, -52.6887, -19.5969



62.8079, 60.6868, -36.0929



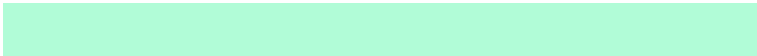
62.8079, 68.3781, 20.0761

Sweetspot

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



62.8079, -48.9515, 27.1685



91.7073, -33.5226, 14.5408



64.2715, -44.2238, 38.8292



42.5380, -17.2645, 7.4508

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



62.8079, -48.9515, 27.1685



84.5079, -66.0781, 37.0161



65.0666, -35.2111, -5.3162



33.6763, -5.1353, 2.8129



50.9426, -39.5911, 21.7920



10.6546, -7.8245, 3.5736

Inverse Universe

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



35.1189, 62.5984, 3.6377



47.2143, 84.0590, 5.6793



33.8780, 58.0361, 21.7284



31.8748, 1.7793, 0.8149



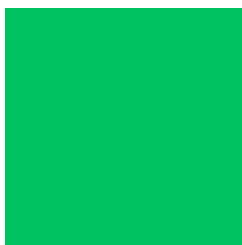
28.5041, 50.8631, 2.5352



6.0413, 10.9940, -1.1204

Previews

White Background



This preview shows how the HunterLab color 62.8066, -48.9508, 27.1681 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 62.8066, -48.9508, 27.1681 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 62.8066, -48.9508, 27.1681 Background



This preview shows how black text looks on a background with the HunterLab color 62.8066, -48.9508, 27.1681.



This preview shows how white text looks on a background with the HunterLab color 62.8066,

-48.9508, 27.1681.

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

62.8066, -48.9508, 27.1681

Protanopia

62.0744, -6.9862, 29.3093

Deuteranopia




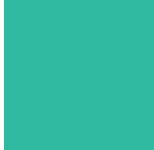
62.2405, 4.4460, 25.4409






Tritanopia

62.7694, -24.6749, -12.2183

Trichromacy

	Original Color 62.8066, -48.9508, 27.1681
	Protanomaly 59.9846, -30.7379, 26.6412
	Deuteranomaly 59.2887, -24.7125, 23.2685
	Tritanomaly 62.2239, -36.0976, 5.5818

Monochromacy

	Original Color 62.8066, -48.9508, 27.1681
	Achromatopsia 45.2856, -2.4163, 2.4605
	Achromatomaly 49.7554, -24.9745, 10.8940

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.8066, -48.9508, 27.1681 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, 194, 97)` looks like.

```
.text, #text, p{  
    color:rgb(0, 194, 97)  
}
```

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, 194, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 194, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 62.8066, -48.9508, 27.1681 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, 194, 97) }
```


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

```
.border{ border-color:rgb(0, 194, 97) }
```

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

Here you see how a box with a 4 pixel rgb(0, 194, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 194, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 194, 97);  
box-shadow:4px 4px 4px 4px rgb(0, 194, 97)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 62.8066, -48.9508, 27.1681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 194, 97) }
```

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

```
.background{ background-color: rgb(0, 194,  
97) }
```

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