

# Converting Colors

HunterLab(67.3734, -52.5594,  
29.2497)

Have a look what the booklet for  
HunterLab(67.3734, -52.5594,  
29.2497) contains.

<b>HunterLab(67.5314, -52.7313, 29.4234)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(67.5314,  
-52.7313, 29.4234)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00CF67
RGB	0, 207, 103
RGB Percent	0%, 81%, 40%
CMY	1.0000, 0.1882, 0.5961
CMYK	1.00, 0.00, 0.50, 0.19
HSL	150°, 100%, 41%
HSV	150°, 100%, 81%
XYZ	24.7610, 45.6049, 20.3296
YIQ	133.2510, -89.9880, -76.2280

# Conversions

## Conversions Part 2

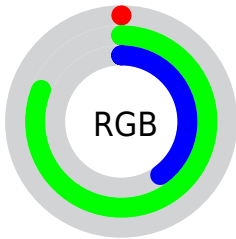
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 138, 207
Decimal	53095
CIELab	73.29, -65.53, 39.64
CIELCh	73, 76.583, 148.832
Yxy	45.6067, 0.2730, 0.5028
Android (android.graphics.Color)	4278243175 (0xFF00CF67)
YUV	133.2510, -14.9137, -116.8611
Hunter-Lab	67.5314, -52.7313, 29.4234

# Details

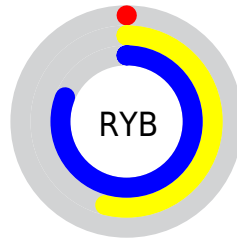
The HunterLab color **67.5314, -52.7313, 29.4234** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **37.7702, 67.3277, 3.8890**, and the grayscale version is **48.6146, -2.5940, 2.6413**.

A 20% lighter version of the original color is **87.6378, -56.9154, 31.7269**, and **47.3183, -38.6362, 24.2606** is the 20% darker color. If you saturate the color by 10%, you get **67.5326, -52.7328, 29.4250**, and if you desaturate by 10%, it is **67.8122, -51.2320, 27.1249**.

# Distribution



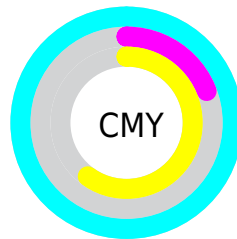
- Red (0%)
- Green (81%)
- Blue (40%)



- Red (0%)
- Yellow (54%)
- Blue (81%)



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (19%)



- Cyan (100%)
- Magenta (19%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.5314, -52.7313, 29.4234 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 67.5314, -52.7313, 29.4234 by changing the saturation by 10% instead.



■ 67.5314, -52.7313,  
29.4234

■ 67.5314, -52.7313,  
29.4234

192.1524,  
-86.3597, 52.3186

■ 56.5116, -48.2695,  
26.4969

■ 91.4495, -61.0428,  
34.9452

■ 46.1653, -43.5361,  
23.4231

■ 104.2838,  
-64.9601, 37.5789

■ 36.5411, -38.4581,  
20.1644

■ 117.6680,  
-68.7516, 40.1471

■ 27.6979, -32.9289,  
16.6718

■ 131.5804,  
-72.4359, 42.6605

■ 19.7120, -26.7902,  
13.6892

■ 146.0016,  
-76.0277, 45.1278

■ 12.6877, -22.2035,  
8.8814

160.9142,

■ 6.0348, -10.5608,

-79.5392, 47.5562

4.2243

176.3025,  
-82.9804, 49.9515

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.5314, -52.7313,  
29.4234

■ 67.5314, -52.7313,  
29.4234

■ 67.5326, -52.7328,  
29.4250

■ 67.8122, -51.2320,  
27.1249

■ 68.2331, -49.1142,  
24.6720

■ 68.8346, -46.2319,  
22.1148

■ 69.6348, -42.5375,  
19.4910

■ 70.6457, -38.0177,

16.8380

■ 71.8747, -32.6865,  
14.1918

■ 73.3254, -26.5809,  
11.5861

■ 74.9978, -19.7547,  
9.0510

■ 76.8890, -12.2737,  
6.6122

# Harmonies

## Analogous

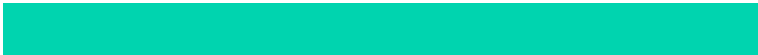
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.5328, -33.5272, 39.4429



67.5314, -52.7313, 29.4234



67.5328, -59.2872, 4.9884

# Triad

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



67.5328, -52.7320, 29.4238



67.5328, -4.9951, -99.0915



67.5328, 67.3624, 28.1275

# Complementary

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



67.5314, -52.7313, 29.4234



37.7702, 67.3277, 3.8890

# 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.



67.5328, 79.2818, 2.3367



67.5314, -52.7313, 29.4234



67.5328, 32.6436, -81.7699

# Square

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



67.5328, -52.7320, 29.4238



67.5328, -35.4849, -79.0560



67.5328, 65.4470, -39.4108



67.5328, 35.5617, 39.0132

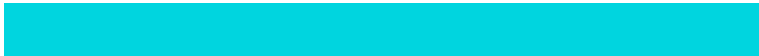


# Rectangle

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



67.5314, -52.7313, 29.4234



67.5328, -56.9157, -20.8798



67.5328, 65.4470, -39.4108



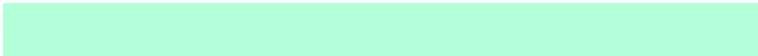
67.5328, 74.0852, 21.4865

# Sweetspot

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



67.5328, -52.7320, 29.4238



92.7531, -33.9508, 14.7873



69.1017, -47.6390, 41.7459



42.5354, -17.2800, 7.4890

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



67.5328, -52.7320, 29.4238



85.4688, -66.9023, 37.5943



69.9755, -37.8709, -5.7103



36.4732, -5.5991, 3.0665



53.6211, -41.7455, 23.0949



12.7423, -9.4813, 4.5406



# Inverse Universe

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



37.7702, 67.3277, 3.8890



47.7721, 85.0801, 5.5285



36.4331, 62.4120, 23.3808



34.5050, 1.9683, 0.8625



30.0112, 53.5572, 2.6319

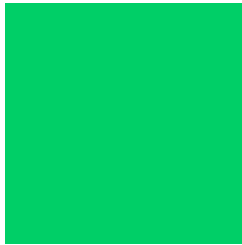


7.2085, 13.0703, -0.9666



# Previews

## White Background



This preview shows how the HunterLab color 67.5314, -52.7313, 29.4234 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 67.5314, -52.7313, 29.4234 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 67.5314, -52.7313, 29.4234 Background



This preview shows how black text looks on a background with the HunterLab color 67.5314, -52.7313, 29.4234.



This preview shows how white text looks on a background with the HunterLab color 67.5314, -52.7313, 29.4234.

-52.7313, 29.4234.

# 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

67.5314, -52.7313, 29.4234

### Protanopia

67.0081, -7.7214, 31.9918

### Deuteranopia

66.6081, 4.8967, 27.4843



## Tritanopia

67.3763, -26.5144, -13.1789

# Trichromacy



## Original Color

67.5314, -52.7313, 29.4234



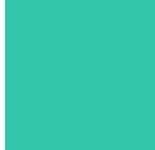
## Protanomaly

64.5122, -33.1739, 28.7776



## Deuteranomaly

63.4740, -26.6851, 25.1309



## Tritanomaly

66.7110, -38.6526, 5.7423

# Monochromacy



## Original Color

67.5314, -52.7313, 29.4234



## Achromatopsia

48.4304, -2.5841, 2.6313



## Achromatomaly

53.3648, -27.0592, 11.9527

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 67.5314, -52.7313, 29.4234 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, 207, 103)` looks like.

```
.text, #text, p{  
    color:rgb(0, 207, 103)  
}
```

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, 207, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 207, 103) }
```

## Border

The CSS property to change the border of an element to HunterLab 67.5314, -52.7313, 29.4234 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, 207, 103) }
```



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

```
.border{ border-color:rgb(0, 207, 103) }
```

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

Here you see how a box with a 4 pixel rgb(0, 207, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 207, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 207, 103);  
box-shadow:4px 4px 4px 4px rgb(0, 207,  
103) }
```

# Background

The CSS property to change the background color of an element to HunterLab 67.5314, -52.7313, 29.4234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 207, 103) }
```

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

```
.background{ background-color: rgb(0, 207,  
103) }
```

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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