

# Converting Colors

HunterLab(67.8960, -49.6662,  
28.4106)

Have a look what the booklet for  
HunterLab(67.8960, -49.6662,  
28.4106) contains.

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# Color

**HunterLab(67.8062,  
-49.5634, 28.2633)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34CE6D
RGB	52, 206, 109
RGB Percent	20%, 81%, 43%
CMY	0.7961, 0.1921, 0.5725
CMYK	0.75, 0.00, 0.47, 0.19
HSL	142°, 61%, 51%
HSV	142°, 75%, 81%
XYZ	26.2478, 45.9768, 21.9590
YIQ	148.8960, -60.6470, -62.8150

# Conversions

## Conversions Part 2

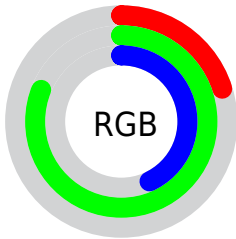
Format	Color
<a href="#">RYB</a>	52, 164, 206
Decimal	3460717
CIELab	73.53, -60.30, 37.08
CIELCh	74, 70.791, 148.416
Yxy	45.9787, 0.2787, 0.4882
Android (android.graphics.Color)	4281650797 (0xFF34CE6D)
YUV	148.8960, -19.6687, -84.9778
Hunter-Lab	67.8062, -49.5634, 28.2633

# Details

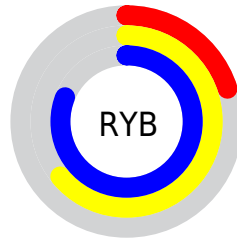
The HunterLab color  $67.8062, -49.5634, 28.2633$  is a dark color, and the websafe version is hex  $33CC66$ . The color can be described as dark muted spring green. A complement of this color would be  $42.1291, 62.3142, -12.9677$ , and the grayscale version is  $54.8757, -2.9280, 2.9815$ .

A 20% lighter version of the original color is  $88.4271, -53.4803, 30.6330$ , and  $47.0409, -37.9412, 23.1071$  is the 20% darker color. If you saturate the color by 10%, you get  $67.2956, -52.0866, 30.7998$ , and if you desaturate by 10%, it is  $68.5201, -46.1828, 25.4872$ .

# Distribution



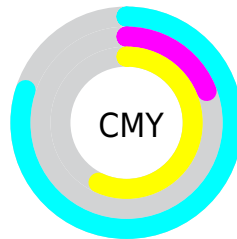
- Red (20%)
- Green (81%)
- Blue (43%)



- Red (20%)
- Yellow (64%)
- Blue (81%)



- Cyan (75%)
- Magenta (0%)
- Yellow (47%)
- Black (19%)




- Cyan (80%)
- Magenta (19%)
- Yellow (57%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.8062, -49.5634, 28.2633 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 67.8062, -49.5634, 28.2633 by changing the saturation by 10% instead.





 67.8062, -49.5634,  
28.2633


 67.8062, -49.5634,  
28.2633


192.5417,  
-80.8568, 50.0099


 56.7706, -45.4449,  
25.5050


 91.7535, -57.2571,  
33.4810


 46.4074, -41.0842,  
22.6124


 104.6014,  
-60.8927, 35.9759

 36.7651, -36.4151,  
19.5495


 117.9987,  
-64.4174, 38.4126

 27.9022, -31.3403,  
16.2681

 131.9236,  
-67.8477, 40.8009

 19.8944, -25.7122,  
13.1979

 146.3568,  
-71.1969, 43.1489

 12.8453, -22.4793,  
8.9917

161.2811,

 6.2528, -10.9425,

-74.4757, 45.4629

4.3770

176.6808,  
-77.6932, 47.7485

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.8062, -49.5634,  
28.2633

■ 67.8062, -49.5634,  
28.2633

■ 67.2956, -52.0866,  
30.7998

■ 68.5201, -46.1828,  
25.4872

■ 66.9623, -53.8184,  
33.0645

■ 69.4479, -41.9146,  
22.5052


■ 66.8353, -54.5057,  
34.1238


■ 70.6007, -36.7649,  
19.3562

■ 71.9832, -30.7659,  
16.0807

■ 73.5967, -23.9716,

12.7193

 75.4389, -16.4507,  
9.3107

 77.5048, -8.2814,  
5.8903

 79.7876, 0.4546,  
2.4892

 82.2788, 9.6763,  
-0.8667

# Harmonies

## Analogous

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



67.8076, -31.1951, 38.1671



67.8062, -49.5634, 28.2633



67.8076, -56.0113, 5.3348

# Triad

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



67.8076, -49.5642, 28.2637



67.8076, -5.3630, -88.3245



67.8076, 61.5262, 26.5504

# Complementary

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



67.8062, -49.5634, 28.2633



42.1291, 62.3142, -12.9677

# 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.



67.8076, 71.9767, 2.0049



67.8062, -49.5634, 28.2633



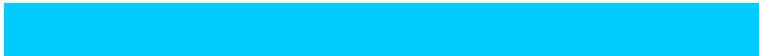
67.8076, 29.2114, -73.5137

# Square

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



67.8076, -49.5642, 28.2637



67.8076, -33.6961, -70.2645



67.8076, 59.1760, -36.0341



67.8076, 32.8241, 37.5618

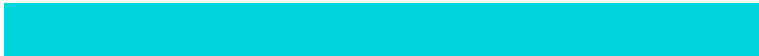


# Rectangle

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



67.8062, -49.5634, 28.2633



67.8076, -53.8407, -18.2240



67.8076, 59.1760, -36.0341



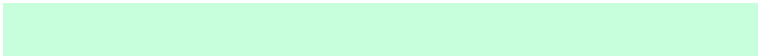
67.8076, 67.5059, 20.0932

# Sweetspot

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



67.8076, -49.5642, 28.2637



94.2327, -28.2174, 15.1160



71.2969, -36.6807, 40.5887



43.3128, -14.2268, 7.5424

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



67.8076, -49.5642, 28.2637



85.3631, -67.8086, 41.0789



69.5681, -38.8801, 2.8469



35.5028, -5.6335, 3.4679



52.4617, -42.6676, 26.5344



11.9767, -9.3121, 5.1324



# Inverse Universe

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



42.1291, 62.3142, -12.9677



49.8811, 87.5520, -12.9676



40.0668, 54.0456, 16.4264



33.6609, 2.1009, 0.3270



30.1457, 54.9680, -6.4312



6.9511, 12.8582, -2.9058



# Previews

## White Background



This preview shows how the HunterLab color 67.8062, -49.5634, 28.2633 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 67.8062, -49.5634, 28.2633 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 67.8062, -49.5634, 28.2633 Background



This preview shows how black text looks on a background with the HunterLab color 67.8062, -49.5634, 28.2633.



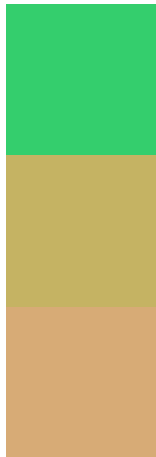
This preview shows how white text looks on a background with the HunterLab color 67.8062,

-49.5634, 28.2633.

# 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

67.8062, -49.5634, 28.2633

### Protanopia

67.0905, -7.2650, 30.7818

### Deuteranopia

66.9932, 4.9462, 26.1987



## Tritanopia

67.7551, -25.1462, -12.0449

# Trichromacy



## Original Color

67.8062, -49.5634, 28.2633



## Protanomaly

65.8056, -27.9589, 28.4982



## Deuteranomaly

65.2585, -21.3526, 25.1019



## Tritanomaly

67.4105, -35.8108, 6.1385

# Monochromacy



## Original Color

67.8062, -49.5634, 28.2633



## Achromatopsia

54.8219, -2.9252, 2.9786



## Achromatomaly

58.3507, -23.7485, 12.6224

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 67.8062, -49.5634, 28.2633 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(52, 206, 109)` looks like.

```
.text, #text, p{  
    color:rgb(52, 206, 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(52, 206, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 206, 109) }
```

## Border

The CSS property to change the border of an element to HunterLab 67.8062, -49.5634, 28.2633 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(52, 206, 109) }
```



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

```
.border{ border-color:rgb(52, 206, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 206, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 206, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 206, 109);  
box-shadow:4px 4px 4px 4px rgb(52, 206,  
109) }
```

# Background

The CSS property to change the background color of an element to HunterLab 67.8062, -49.5634, 28.2633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 206, 109) }
```

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

```
.background{ background-color: rgb(52, 206,  
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](#).

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