

# Converting Colors

HunterLab(63.4908, -49.3553,  
34.2923)

Have a look what the booklet for  
HunterLab(63.4908, -49.3553,  
34.2923) contains.

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# Color

**HunterLab(63.3788,  
-49.2160, 34.1929)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37C33C
RGB	55, 195, 60
RGB Percent	22%, 76%, 24%
CMY	0.7843, 0.2353, 0.7647
CMYK	0.72, 0.00, 0.69, 0.24
HSL	122°, 56%, 49%
HSV	122°, 72%, 76%
XYZ	21.9063, 40.1687, 10.8738
YIQ	137.7500, -40.1050, -71.6650

# Conversions

## Conversions Part 2

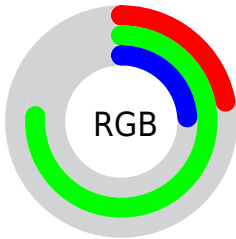
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 190, 195
Decimal	3654460
CIELab	69.59, -62.36, 54.78
CIELCh	70, 83.004, 138.705
Yxy	40.1704, 0.3003, 0.5506
Android (android.graphics.Color)	4281844540 (0xFF37C33C)
YUV	137.7500, -38.3308, -72.5717
Hunter-Lab	63.3788, -49.2160, 34.1929

# Details

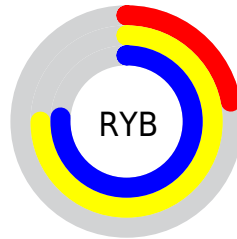
The HunterLab color  $63.3788, -49.2160, 34.1929$  is a dark color, and the websafe version is hex  $33CC33$ . The color can be described as dark muted green. A complement of this color would be  $42.4885, 64.9845, -40.6598$ , and the grayscale version is  $50.4744, -2.6932, 2.7424$ .

A 20% lighter version of the original color is  $86.9500, -57.3418, 41.7190$ , and  $43.3084, -37.1369, 26.0363$  is the 20% darker color. If you saturate the color by 10%, you get  $62.8963, -51.5208, 35.8595$ , and if you desaturate by 10%, it is  $64.0854, -45.9055, 31.8757$ .

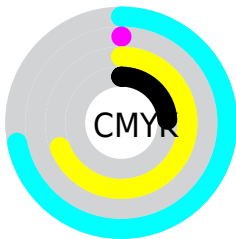
# Distribution



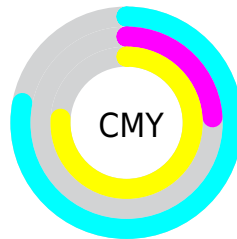
- Red (22%)
- Green (76%)
- Blue (24%)



- Red (22%)
- Yellow (75%)
- Blue (76%)



- Cyan (72%)
- Magenta (0%)
- Yellow (69%)
- Black (24%)



- Cyan (78%)
- Magenta (24%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.3788, -49.2160, 34.1929 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 63.3788, -49.2160, 34.1929 by changing the saturation by 10% instead.



■ 63.3788, -49.2160,  
34.1929

■ 63.3788, -49.2160,  
34.1929

186.2367,  
-81.7922, 64.3025

■ 52.6036, -44.8725,  
30.2070

■ 86.8464, -57.2855,  
41.6350

■ 42.5184, -40.2512,  
26.0001

■ 99.4712, -61.0819,  
45.1442

■ 33.1754, -35.2730,  
21.5382

■ 112.6547,  
-64.7540, 48.5401

■ 24.6393, -29.8202,  
17.2475

■ 126.3741,  
-68.3204, 51.8390

■ 16.9949, -24.0796,  
11.8964

■ 140.6091,  
-71.7962, 55.0544

■ 10.3618, -18.1332,  
7.2533

155.3419,

0.0000, NaN, NaN

-75.1937, 58.1975

0.0000, NaN, NaN

170.5560,  
-78.5229, 61.2776

0.0000, NaN, NaN

■ 63.3788, -49.2160,  
34.1929

■ 63.3788, -49.2160,  
34.1929

■ 62.8963, -51.5208,  
35.8595

■ 64.0854, -45.9055,  
31.8757

■ 62.6111, -52.8977,  
36.9166


■ 65.0278, -41.5549,  
28.8941


■ 62.4877, -53.4959,  
37.3782

■ 66.2168, -36.1749,  
25.2610


■ 67.6565, -29.8098,  
21.0099

■ 69.3467, -22.5306,  
16.1903

 71.2834, -14.4263,  
10.8623

 73.4595, -5.5959,  
5.0914

 75.8657, 3.8593,  
-1.0562

 78.4912, 13.8408,  
-7.5167

# Harmonies

## Analogous

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



63.3801, -25.0218, 40.1925



63.3788, -49.2160, 34.1929



63.3801, -60.0102, 15.5376

# Triad

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



63.3801, -49.2169, 34.1932



63.3801, -16.9834, -108.4654



63.3801, 81.0507, 21.8377

# Complementary

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



63.3788, -49.2160, 34.1929



42.4885, 64.9845, -40.6598

# 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.



63.3801, 84.6456, -11.6172



63.3788, -49.2160, 34.1929



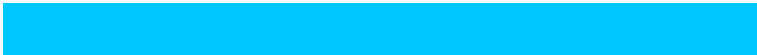
63.3801, 21.6102, -102.9730

# Square

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



63.3801, -49.2169, 34.1932



63.3801, -44.5229, -73.4320



63.3801, 60.8818, -61.1191



63.3801, 51.9759, 36.4895

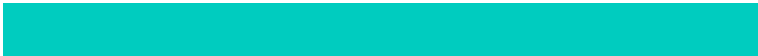


# Rectangle

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



63.3788, -49.2160, 34.1929



63.3801, -60.3554, -7.9141



63.3801, 60.8818, -61.1191



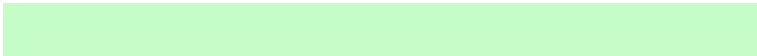
63.3801, 85.4956, 13.0349

# Sweetspot

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



63.3801, -49.2169, 34.1932



92.6719, -30.7135, 22.0374



70.9213, -19.5990, 40.3365



43.0609, -15.6805, 11.1765

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



63.3801, -49.2169, 34.1932



83.9299, -70.1122, 48.8683



64.3793, -43.0746, 19.5736



33.5627, -5.7702, 4.4402



50.3787, -43.1106, 30.0944



10.4817, -8.8996, 6.1105



# Inverse Universe

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



42.4885, 64.9845, -40.6598



53.4561, 97.9654, -60.8845



39.6223, 53.5738, -1.3967



32.0017, 2.4595, -0.9888



31.4710, 61.4048, -37.8787



6.5567, 12.8162, -8.0697



# Previews

## White Background



This preview shows how the HunterLab color 63.3788, -49.2160, 34.1929 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 63.3788, -49.2160, 34.1929 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 63.3788, -49.2160, 34.1929 Background



This preview shows how black text looks on a background with the HunterLab color 63.3788, -49.2160, 34.1929.



This preview shows how white text looks on a background with the HunterLab color 63.3788,

-49.2160, 34.1929.

# 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

63.3788, -49.2160, 34.1929

### Protanopia

62.8107, -8.1317, 35.3819

### Deuteranopia

62.5818, 4.6724, 32.8360



## Tritanopia

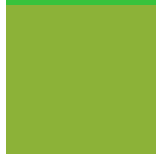
63.1402, -21.6637, -11.0749

# Trichromacy



## Original Color

63.3788, -49.2160, 34.1929



## Protanomaly

61.4018, -27.6553, 33.7386



## Deuteranomaly

60.8907, -21.1828, 31.8247



## Tritanomaly

62.7317, -34.8170, 11.9562

# Monochromacy



## Original Color

63.3788, -49.2160, 34.1929



## Achromatopsia

50.4135, -2.6899, 2.7391



## Achromatomaly

53.9539, -23.6300, 16.6216

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 63.3788, -49.2160, 34.1929 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(55, 195, 60)` looks like.

```
.text, #text, p{  
    color:rgb(55, 195, 60)  
}
```

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(55, 195, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 195, 60) }
```

## Border

The CSS property to change the border of an element to HunterLab 63.3788, -49.2160, 34.1929 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(55, 195, 60) }
```



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

```
.border{ border-color:rgb(55, 195, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 195, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 195, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 195, 60);  
box-shadow:4px 4px 4px 4px rgb(55, 195,  
60) }
```

# Background

The CSS property to change the background color of an element to HunterLab 63.3788, -49.2160, 34.1929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 195, 60) }
```

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

```
.background{ background-color: rgb(55, 195,  
60) }
```

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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