

Converting Colors

HunterLab(63.8659, -49.2861,
34.6692)

Have a look what the booklet for
HunterLab(63.8659, -49.2861,
34.6692) contains.

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Color

**HunterLab(63.8165,
-49.2116, 34.6177)**

Conversions

Conversions Part 1

Format	Color
Hex	3BC43B
RGB	59, 196, 59
RGB Percent	23%, 77%, 23%
CMY	0.7686, 0.2314, 0.7686
CMYK	0.70, 0.00, 0.70, 0.23
HSL	120°, 54%, 50%
HSV	120°, 70%, 77%
XYZ	22.3330, 40.7255, 10.8214
YIQ	139.4190, -37.6750, -71.6510

Conversions

Conversions Part 2

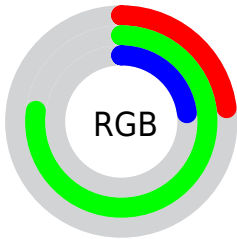
Format	Color
RYB	59, 196, 196
Decimal	3916859
CIELab	69.98, -62.08, 55.60
CIELCh	70, 83.343, 138.150
Yxy	40.7272, 0.3023, 0.5512
Android (android.graphics.Color)	4282106939 (0xFF3BC43B)
YUV	139.4190, -39.6466, -70.5275
Hunter-Lab	63.8165, -49.2116, 34.6177

Details

The HunterLab color $63.8165, -49.2116, 34.6177$ 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 $43.4163, 65.0150, -43.4273$, and the grayscale version is $51.1438, -2.7289, 2.7787$.

A 20% lighter version of the original color is $87.4276, -57.2841, 42.2749$, and $43.6460, -37.4265, 26.2393$ is the 20% darker color. If you saturate the color by 10%, you get $63.3008, -51.6559, 36.2704$, and if you desaturate by 10%, it is $64.5643, -45.7253, 32.2600$.

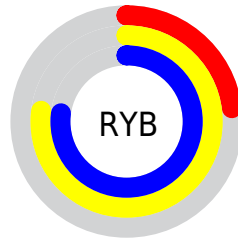
Distribution



Red (23%)

Green (77%)

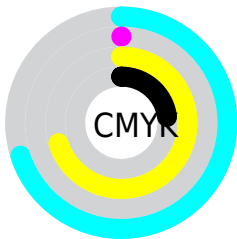
Blue (23%)



Red (23%)

Yellow (77%)

Blue (77%)

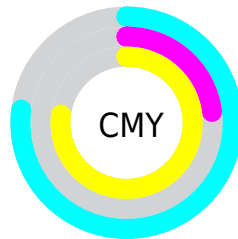


Cyan (70%)

Magenta (0%)

Yellow (70%)

Black (23%)



Cyan (77%)

Magenta (23%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.8165, -49.2116, 34.6177 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 63.8165, -49.2116, 34.6177 by changing the saturation by 10% instead.

■ 63.8165, -49.2116,
34.6177

■ 63.8165, -49.2116,
34.6177

186.8633,
-81.6229, 65.0813

■ 53.0150, -44.8964,
30.5851

■ 87.3324, -57.2335,
42.1488

■ 42.9017, -40.3076,
26.3305

■ 99.9797, -61.0094,
45.7000

■ 33.5284, -35.3676,
21.8214

■ 113.1847,
-64.6625, 49.1364

■ 24.9590, -29.9609,
17.4713

■ 126.9248,
-68.2113, 52.4744

■ 17.2776, -24.1682,
12.0943

■ 141.1797,
-71.6707, 55.7275

■ 10.6018, -18.5532,
7.4213

155.9317,

0.0000, NaN, NaN

-75.0527, 58.9070

0.0000, NaN, NaN

171.1645,
-78.3673, 62.0223

0.0000, NaN, NaN

■ 63.8165, -49.2116,
34.6177

■ 63.8165, -49.2116,
34.6177

■ 63.3008, -51.6559,
36.2704

■ 64.5643, -45.7253,
32.2600

■ 62.9904, -53.1337,
37.2698

■ 65.5554, -41.1664,
29.1775

■ 62.8357, -53.8738,
37.7703

■ 66.8001, -35.5506,
25.3810

■ 62.8343, -53.8804,
37.7748

■ 68.3020, -28.9281,
20.9046

■ 70.0602, -21.3757,
15.8005

■ 72.0698, -12.9879,
10.1328

■ 74.3232, -3.8681,
3.9717

■ 76.8103, 5.8784,
-2.6112

■ 79.5198, 16.1505,
-9.5476

Harmonies

Analogous

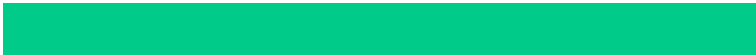
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.8178, -24.6050, 40.5090



63.8165, -49.2116, 34.6177



63.8178, -60.3160, 16.1585

Triad

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



63.8178, -49.2125, 34.6180



63.8178, -17.7261, -108.8057



63.8178, 81.8876, 21.5490

Complementary

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



63.8165, -49.2116, 34.6177



43.4163, 65.0150, -43.4273

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.



63.8178, 84.9641, -12.5054



63.8165, -49.2116, 34.6177



63.8178, 20.9755, -104.1052

Square

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



63.8178, -49.2125, 34.6180



63.8178, -45.1956, -72.9836



63.8178, 60.6230, -62.4464



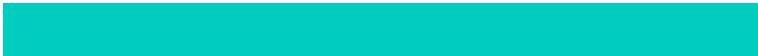
63.8178, 53.0014, 36.5826

Rectangle

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



63.8165, -49.2116, 34.6177



63.8178, -60.8126, -7.1823



63.8178, 60.6230, -62.4464



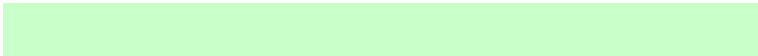
63.8178, 86.1858, 12.5598

Sweetspot

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



63.8178, -49.2125, 34.6180



93.9352, -30.2970, 22.2981



71.7869, -17.9701, 40.5027



43.1421, -15.3695, 11.2303

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.8178, -49.2125, 34.6180



84.9388, -70.7539, 49.6483



64.7740, -43.3368, 20.6186



33.5542, -5.8177, 4.5617



50.3662, -43.1890, 30.2792



10.4693, -8.9773, 6.2938

Inverse Universe

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



43.4163, 65.0150, -43.4273



54.8194, 99.6792, -66.7931



40.5089, 53.3424, -3.7443



32.0118, 2.5133, -1.1313



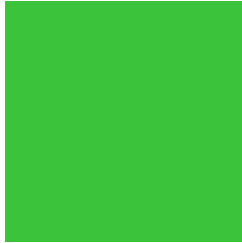
31.7828, 62.4857, -41.9168



6.6065, 12.9885, -8.7131

Previews

White Background



This preview shows how the HunterLab color 63.8165, -49.2116, 34.6177 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 63.8165, -49.2116, 34.6177 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 63.8165, -49.2116, 34.6177 Background



This preview shows how black text looks on a background with the HunterLab color 63.8165, -49.2116, 34.6177.



This preview shows how white text looks on a background with the HunterLab color 63.8165, -49.2116, 34.6177.

-49.2116, 34.6177.

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

63.8165, -49.2116, 34.6177

Protanopia

63.2017, -8.2795, 35.7519

Deuteranopia

63.0821, 4.9034, 33.3539



Tritanopia

63.6283, -21.4202, -10.9510

Trichromacy



Original Color

63.8165, -49.2116, 34.6177



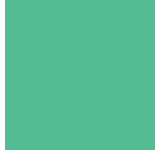
Protanomaly

61.8602, -27.5611, 34.1712



Deuteranomaly

61.4372, -20.7612, 32.3692



Tritanomaly

63.1760, -34.7882, 12.4139

Monochromacy



Original Color

63.8165, -49.2116, 34.6177



Achromatopsia

50.8117, -2.7112, 2.7607



Achromatomaly

54.3897, -23.5857, 17.0208

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.8165, -49.2116, 34.6177 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(59, 196, 59)` looks like.

```
.text, #text, p{  
    color:rgb(59, 196, 59)  
}
```

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(59, 196, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 196, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 63.8165, -49.2116, 34.6177 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(59, 196, 59) }
```


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

```
.border{ border-color:rgb(59, 196, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 196, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 196, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 196, 59);  
box-shadow:4px 4px 4px 4px rgb(59, 196,  
59) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.8165, -49.2116, 34.6177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 196, 59) }
```

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

```
.background{ background-color: rgb(59, 196,  
59) }
```

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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