

Converting Colors

HunterLab(63.9942, -49.0019,
33.8943)

Have a look what the booklet for
HunterLab(63.9942, -49.0019,
33.8943) contains.

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Color

**HunterLab(63.8681,
-48.8921, 33.8567)**

Conversions

Conversions Part 1

Format	Color
Hex	3BC441
RGB	59, 196, 65
RGB Percent	23%, 77%, 25%
CMY	0.7686, 0.2314, 0.7451
CMYK	0.70, 0.00, 0.67, 0.23
HSL	123°, 54%, 50%
HSV	123°, 70%, 77%
XYZ	22.4977, 40.7913, 11.6888
YIQ	140.1030, -39.6010, -69.7850

Conversions

Conversions Part 2

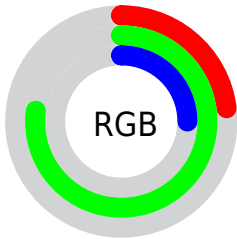
Format	Color
RYB	59, 190, 196
Decimal	3916865
CIELab	70.03, -61.52, 53.27
CIELCh	70, 81.384, 139.111
Yxy	40.7930, 0.3001, 0.5440
Android (android.graphics.Color)	4282106945 (0xFF3BC441)
YUV	140.1030, -37.0258, -71.1273
Hunter-Lab	63.8681, -48.8921, 33.8567

Details

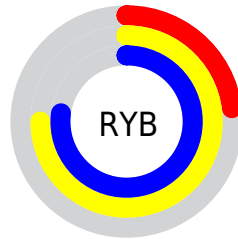
The HunterLab color **63.8681, -48.8921, 33.8567** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **43.1067, 63.7968, -39.3246**, and the grayscale version is **51.4071, -2.7430, 2.7930**.

A 20% lighter version of the original color is **87.4646, -56.9734, 41.0671**, and **43.6460, -37.4265, 26.2393** is the 20% darker color. If you saturate the color by 10%, you get **63.3404, -51.4089, 35.6850**, and if you desaturate by 10%, it is **64.6242, -45.3584, 31.3796**.

Distribution



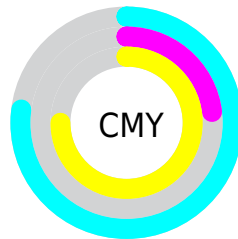
- Red (23%)
- Green (77%)
- Blue (25%)



- Red (23%)
- Yellow (75%)
- Blue (77%)



- Cyan (70%)
- Magenta (0%)
- Yellow (67%)
- Black (23%)



- Cyan (77%)
- Magenta (23%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.8681, -48.8921, 33.8567 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 63.8681, -48.8921, 33.8567 by changing the saturation by 10% instead.

■ 63.8681, -48.8921,
33.8567

■ 63.8681, -48.8921,
33.8567

186.9371,
-81.0487, 63.2221

■ 53.0636, -44.6149,
29.9792

■ 87.3897, -56.8461,
41.1009

■ 42.9469, -40.0675,
25.8869

■ 100.0397,
-60.5912, 44.5196

■ 33.5700, -35.1733,
21.5433

■ 113.2472,
-64.2152, 47.8300

■ 24.9968, -29.8181,
17.4977

■ 126.9896,
-67.7363, 51.0478

■ 17.3110, -24.0479,
12.1177

■ 141.2470,
-71.1694, 54.1860

■ 10.6302, -18.6028,
7.4411

156.0012,

■ 0.5828, -1.0198,

-74.5261, 57.2553

0.4079

171.2362,
-77.8165, 60.2648

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.8681, -48.8921,
33.8567

■ 63.8681, -48.8921,
33.8567

■ 63.3404, -51.4089,
35.6850

■ 64.6242, -45.3584,
31.3796

■ 63.0156, -52.9758,
36.8969

■ 65.6189, -40.7823,
28.2473

■ 62.8507, -53.7799,
37.5489


■ 66.8620, -35.1822,
24.4783


■ 62.8493, -53.7863,
37.5531

■ 68.3568, -28.6083,
20.1103


■ 70.1021, -21.1358,

15.1956

 72.0933, -12.8564,
9.7956

 74.3229, -3.8699,
3.9758

 76.7812, 5.7224,
-2.1984

 79.4572, 15.8232,
-8.6651

Harmonies

Analogous

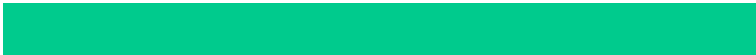
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.8694, -25.1317, 40.1038



63.8681, -48.8921, 33.8567



63.8694, -59.4572, 15.0142

Triad

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



63.8694, -48.8930, 33.8570



63.8694, -16.3375, -105.5275



63.8694, 78.9470, 21.9444

Complementary

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



63.8681, -48.8921, 33.8567



43.1067, 63.7968, -39.3246

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.



63.8694, 82.8328, -10.7185



63.8681, -48.8921, 33.8567



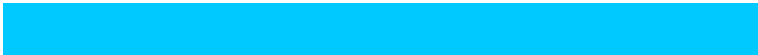
63.8694, 21.6659, -99.6421

Square

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



63.8694, -48.8930, 33.8570



63.8694, -43.7251, -72.0546



63.8694, 59.9676, -58.8155



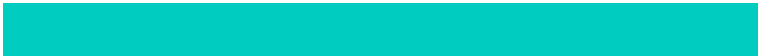
63.8694, 50.3209, 36.4448

Rectangle

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



63.8681, -48.8921, 33.8567



63.8694, -59.6933, -8.2314



63.8694, 59.9676, -58.8155



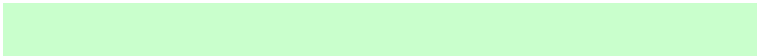
63.8694, 83.4012, 13.3170

Sweetspot

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



63.8694, -48.8930, 33.8570



93.9946, -29.9560, 21.4407



71.3655, -19.5236, 40.1957



43.1720, -15.1966, 10.7975

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.8694, -48.8930, 33.8570



84.9819, -70.4845, 49.0114



64.8685, -42.7621, 19.2479



33.5646, -5.7595, 4.4126



50.3815, -43.0928, 30.0525



10.4845, -8.8820, 6.0691

Inverse Universe

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



43.1067, 63.7968, -39.3246



54.2790, 97.7253, -59.7404



40.3642, 52.7476, -1.6983



31.9995, 2.4474, -0.9567



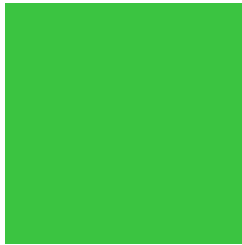
31.4020, 61.1650, -36.9806



6.5457, 12.7778, -7.9259

Previews

White Background



This preview shows how the HunterLab color 63.8681, -48.8921, 33.8567 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 63.8681, -48.8921, 33.8567 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 63.8681, -48.8921, 33.8567 Background



This preview shows how black text looks on a background with the HunterLab color 63.8681, -48.8921, 33.8567.



This preview shows how white text looks on a background with the HunterLab color 63.8681, -48.8921, 33.8567.

-48.8921, 33.8567.

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

63.8681, -48.8921, 33.8567

Protanopia

63.2472, -8.0267, 35.0796

Deuteranopia

63.0184, 4.7961, 32.4827



Tritanopia

63.5854, -21.5816, -11.0138

Trichromacy



Original Color

63.8681, -48.8921, 33.8567



Protanomaly

61.9095, -27.2715, 33.4429



Deuteranomaly

61.4073, -20.7717, 31.5557



Tritanomaly

63.2514, -34.3374, 11.3271

Monochromacy



Original Color

63.8681, -48.8921, 33.8567



Achromatopsia

51.2104, -2.7325, 2.7824



Achromatomaly

54.5100, -23.0003, 16.1934

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.8681, -48.8921, 33.8567 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, 65)` looks like.

```
.text, #text, p{  
    color:rgb(59, 196, 65)  
}
```

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, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 196, 65) }
```

Border

The CSS property to change the border of an element to HunterLab 63.8681, -48.8921, 33.8567 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, 65) }
```


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

```
.border{ border-color:rgb(59, 196, 65) }
```

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, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 196, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 196, 65);  
box-shadow:4px 4px 4px 4px rgb(59, 196,  
65) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.8681, -48.8921, 33.8567 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, 65) }
```

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

```
.background{ background-color: rgb(59, 196,  
65) }
```

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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