

Converting Colors

HunterLab(64.5343, -38.7873,
9.4756)

Have a look what the booklet for
HunterLab(64.5343, -38.7873,
9.4756) contains.

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Color

**HunterLab(64.6392,
-38.8913, 9.4787)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 34C29E |
| RGB | 52, 194, 158 |
| RGB Percent | 20%, 76%, 62% |
| CMY | 0.7961, 0.2392, 0.3804 |
| CMYK | 0.73, 0.00, 0.19, 0.24 |
| HSL | 165°, 58%, 48% |
| HSV | 165°, 73%, 76% |
| XYZ | 26.8795, 41.7823, 38.9958 |
| YIQ | 147.4380, -73.0760, -41.3000 |

Conversions

Conversions Part 2

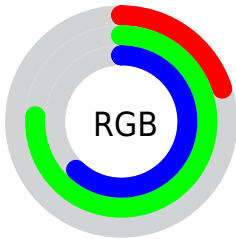
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 52, 133, 194 |
| Decimal | 3457694 |
| CIE Lab | 70.72, -45.60, 7.49 |
| CIE LCh | 71, 46.212, 170.675 |
| Yxy | 41.7839, 0.2497, 0.3881 |
| Android (android.graphics.Color) | 4281647774 (0xFF34C29E) |
| YUV | 147.4380, 5.2071, -83.6991 |
| Hunter-Lab | 64.6392, -38.8913, 9.4787 |

Details

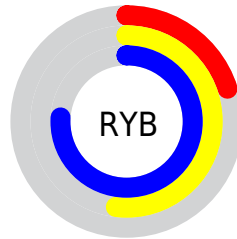
The HunterLab color **64.6392, -38.8913, 9.4787** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **38.2505, 50.8421, 10.1464**, and the grayscale version is **54.1945, -2.8917, 2.9445**.

A 20% lighter version of the original color is **88.1592, -44.7090, 11.2040**, and **44.1891, -29.3161, 8.0525** is the 20% darker color. If you saturate the color by 10%, you get **64.1907, -40.9686, 10.9675**, and if you desaturate by 10%, it is **65.2545, -36.1678, 8.1272**.

Distribution



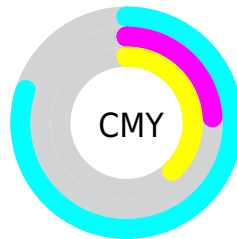
- Red (20%)
- Green (76%)
- Blue (62%)



- Red (20%)
- Yellow (52%)
- Blue (76%)



- Cyan (73%)
- Magenta (0%)
- Yellow (19%)
- Black (24%)





- Cyan (80%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.6392, -38.8913, 9.4787 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 64.6392, -38.8913, 9.4787 by changing the saturation by 10% instead.


 64.6392, -38.8913,
9.4787


 64.6392, -38.8913,
9.4787


188.0389,
-63.9773, 18.9672


 53.7886, -35.6580,
8.4974


 88.2454, -44.9701,
11.4793


 43.6228, -32.2482,
7.5236


 100.9346,
-47.8622, 12.5005


 34.1929, -28.6085,
6.5534


 114.1798,
-50.6785, 13.5371

 25.5617, -24.6581,
5.5787

 127.9585,
-53.4312, 14.5898

 17.8113, -20.2672,
4.5858

 142.2507,
-56.1302, 15.6590

 11.0563, -19.1069,
3.6162

157.0387,

 2.8265, -4.9464,

-58.7834, 16.7449

1.9786

172.3063,
-61.3973, 17.8476

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.6392, -38.8913,
9.4787

■ 64.6392, -38.8913,
9.4787

■ 64.1907, -40.9686,
10.9675

■ 65.2545, -36.1678,
8.1272

■ 63.8870, -42.4557,
12.5593

■ 66.0458, -32.7684,
6.9376


■ 63.7367, -43.2353,
13.6673


■ 67.0232, -28.6890,
5.9322

■ 68.1918, -23.9451,
5.1270

■ 69.5538, -18.5683,

4.5329

 71.1088, -12.6024,
4.1557

 72.8540, -6.0995,
3.9962

 74.7849, 0.8834,
4.0514

 76.8957, 8.2882,
4.3148

Harmonies

Analogous

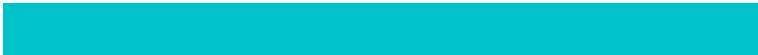
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.6405, -32.0033, 23.5495



64.6392, -38.8913, 9.4787



64.6405, -37.2752, -11.6871

Triad

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



64.6405, -38.8918, 9.4794



64.6405, 11.5440, -44.1586



64.6405, 24.3957, 26.8636

Complementary

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



64.6392, -38.8913, 9.4787



38.2505, 50.8421, 10.1464

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.



64.6405, 39.1734, 15.7429



64.6392, -38.8913, 9.4787



64.6405, 31.1163, -26.1176

Square

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



64.6405, -38.8918, 9.4794



64.6405, -9.9121, -47.4906



64.6405, 41.7795, -3.0702



64.6405, 3.2711, 31.2386

Rectangle

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



64.6392, -38.8913, 9.4787



64.6405, -31.4986, -27.1207



64.6405, 41.7795, -3.0702



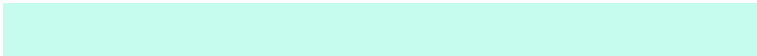
64.6405, 30.3783, 23.9979

Sweetspot

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



64.6405, -38.8918, 9.4794



93.7853, -24.3445, 6.0471



64.0314, -44.8256, 35.6622



43.6356, -12.3769, 2.9166

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.6405, -38.8918, 9.4794



86.1252, -56.4713, 16.0776



54.8360, -18.2406, -21.7161



33.7393, -4.7843, 1.9133



51.6930, -34.9751, 10.8894



10.7942, -6.9709, 1.5564

Inverse Universe

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



38.2505, 50.8421, 10.1464



47.3339, 77.3785, 19.3292



42.7043, 34.4814, 22.4063



31.8102, 1.4320, 1.7357



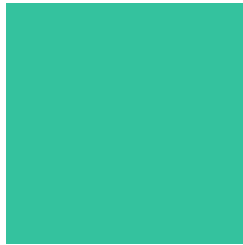
27.7470, 48.0878, 13.5093



5.8671, 10.3616, 1.3577

Previews

White Background



This preview shows how the HunterLab color 64.6392, -38.8913, 9.4787 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 64.6392, -38.8913, 9.4787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

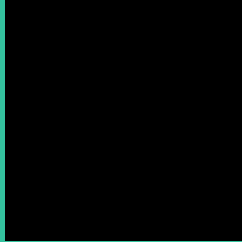
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

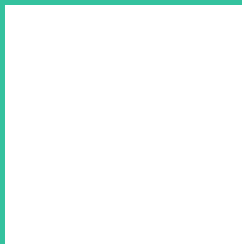
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 64.6392, -38.8913, 9.4787 Background



This preview shows how black text looks on a background with the HunterLab color 64.6392, -38.8913, 9.4787.



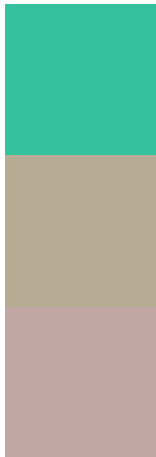
This preview shows how white text looks on a background with the HunterLab color 64.6392,

-38.8913, 9.4787.

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

64.6392, -38.8913, 9.4787

Protanopia

63.9566, -4.2668, 14.1251

Deuteranopia

64.0540, 4.4539, 7.0380



Tritanopia

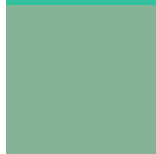
64.6329, -25.6584, -12.4521

Trichromacy



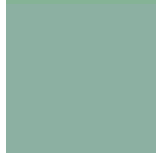
Original Color

64.6392, -38.8913, 9.4787



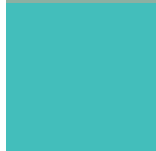
Protanomaly

62.7923, -20.9156, 11.0814



Deuteranomaly

62.6377, -15.9679, 5.9619



Tritanomaly

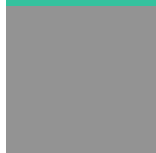
64.5043, -30.7010, -4.0035

Monochromacy



Original Color

64.6392, -38.8913, 9.4787



Achromatopsia

54.0158, -2.8821, 2.9348



Achromatomaly

56.7715, -19.0368, 4.0721

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.6392, -38.8913, 9.4787 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, 194, 158)` looks like.

```
.text, #text, p{  
    color:rgb(52, 194, 158)  
}
```

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, 194, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 194, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 64.6392, -38.8913, 9.4787 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, 194, 158) }
```


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

```
.border{ border-color:rgb(52, 194, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 194, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 194, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 194, 158);  
box-shadow:4px 4px 4px 4px rgb(52, 194,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.6392, -38.8913, 9.4787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 194, 158) }
```

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

```
.background{ background-color: rgb(52, 194,  
158) }
```

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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