

Converting Colors

HunterLab(58.1842, -38.7636,
10.9542)

Have a look what the booklet for
HunterLab(58.1842, -38.7636,
10.9542) contains.

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Color

**HunterLab(58.3492,
-38.9839, 11.2236)**

Conversions

Conversions Part 1

Format	Color
Hex	00B389
RGB	0, 179, 137
RGB Percent	0%, 70%, 54%
CMY	0.9999, 0.2980, 0.4627
CMYK	1.00, 0.00, 0.23, 0.30
HSL	166°, 100%, 35%
HSV	166°, 100%, 70%
XYZ	20.6354, 34.0463, 29.1508
YIQ	120.6910, -93.2020, -51.0100

Conversions

Conversions Part 2

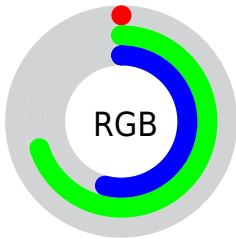
Format	Color
RYB	0, 101, 179
Decimal	45961
CIELab	65.00, -48.62, 10.75
CIELCh	65, 49.798, 167.530
Yxy	34.0476, 0.2462, 0.4061
Android (android.graphics.Color)	4278236041 (0xFF00B389)
YUV	120.6910, 8.0403, -105.8460
Hunter-Lab	58.3492, -38.9839, 11.2236

Details

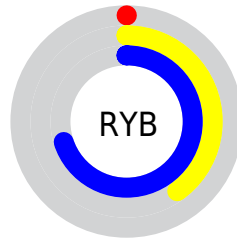
The HunterLab color **58.3492, -38.9839, 11.2236** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **31.2278, 54.0110, 16.0255**, and the grayscale version is **43.6052, -2.3267, 2.3692**.

A 20% lighter version of the original color is **81.3274, -45.7306, 13.7982**, and **39.1859, -27.3329, 10.0248** is the 20% darker color. If you saturate the color by 10%, you get **58.3501, -38.9854, 11.2256**, and if you desaturate by 10%, it is **58.5647, -37.8988, 9.8326**.

Distribution



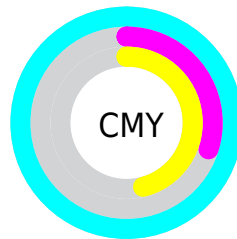
- Red (0%)
- Green (70%)
- Blue (54%)



- Red (0%)
- Yellow (40%)
- Blue (70%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (30%)



- Cyan (100%)
- Magenta (30%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.3492, -38.9839, 11.2236 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 58.3492, -38.9839, 11.2236 by changing the saturation by 10% instead.

■ 58.3492, -38.9839,
11.2236

■ 58.3492, -38.9839,
11.2236

■ 178.9817,
-65.7776, 21.9288

■ 47.8855, -35.4543,
10.0579

■ 81.2451, -45.5583,
13.5505

■ 38.1339, -31.7012,
8.8806

■ 93.6051, -48.6634,
14.7189

■ 29.1523, -27.6523,
7.6810

■ 106.5352,
-51.6754, 15.8945

■ 21.0133, -23.1950,
6.4402

■ 120.0112,
-54.6096, 17.0790

■ 13.8154, -19.1198,
5.1244

■ 134.0119,
-57.4780, 18.2738

■ 7.4402, -13.0204,
5.2082

■ 148.5183,

0.0000, NaN, NaN

-60.2905, 19.4799

0.0000, NaN, NaN

163.5134,
-63.0548, 20.6980

0.0000, NaN, NaN

■ 58.3492, -38.9839,
11.2236

■ 58.3492, -38.9839,
11.2236

■ 58.3501, -38.9854,
11.2256

■ 58.5647, -37.8988,
9.8326

■ 58.8812, -36.3973,
8.5069

■ 59.3356, -34.3450,
7.2962

■ 59.9425, -31.6999,
6.2270

■ 60.7122, -28.4441,
5.3208

■ 61.6516, -24.5792,
4.5942

■ 62.7643, -20.1238,
4.0589

■ 64.0515, -15.1094,
3.7218

■ 65.5122, -9.5775,
3.5854

Harmonies

Analogous

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



58.3503, -31.1905, 24.3589



58.3492, -38.9839, 11.2236



58.3503, -38.2644, -10.3116

Triad

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



58.3503, -38.9843, 11.2242



58.3503, 10.1987, -49.7935



58.3503, 28.3275, 25.7671

Complementary

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



58.3492, -38.9839, 11.2236



31.2278, 54.0110, 16.0255

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.



58.3503, 43.0184, 14.0567



58.3492, -38.9839, 11.2236



58.3503, 31.5321, -31.1075

Square

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



58.3503, -38.9843, 11.2242



58.3503, -11.9841, -51.4571



58.3503, 44.2713, -6.2116



58.3503, 6.3144, 30.4124

Rectangle

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



58.3492, -38.9839, 11.2236



58.3503, -33.0526, -27.0894



58.3503, 44.2713, -6.2116



58.3503, 34.4188, 22.7774

Sweetspot

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



58.3503, -38.9843, 11.2242



83.9115, -27.2577, 5.4624



57.2660, -46.6255, 34.4702



39.1933, -14.0361, 2.6993



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



58.3503, -38.9843, 11.2242



78.0638, -52.3140, 15.3580



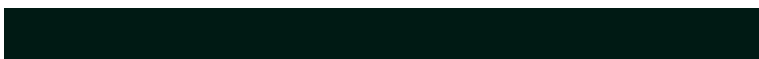
45.1400, -12.9656, -28.4305



30.9786, -4.3384, 1.6918



49.0603, -32.7067, 9.2834



8.7500, -5.5121, 0.9623

Inverse Universe

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



31.2278, 54.0110, 16.0255



41.7550, 72.1548, 21.9570



33.8274, 43.8079, 21.6103



29.2179, 1.2579, 1.6570



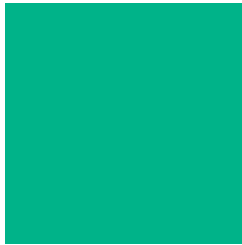
26.2661, 45.4642, 13.2308



4.7560, 8.4206, 0.9359

Previews

White Background



This preview shows how the HunterLab color 58.3492, -38.9839, 11.2236 looks on a white background.

Color Contrast Check

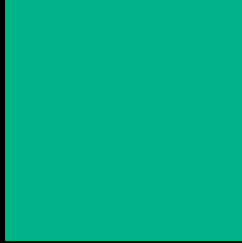
Large Text (above 18pt) WCAG AA × Fail

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 58.3492, -38.9839, 11.2236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

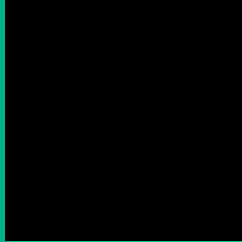
Any Text WCAG AA ✓ Pass

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 58.3492, -38.9839, 11.2236 Background



This preview shows how black text looks on a background with the HunterLab color 58.3492, -38.9839, 11.2236.



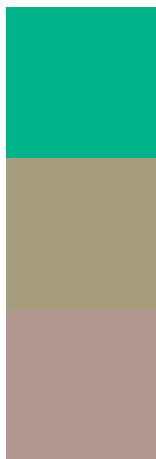
This preview shows how white text looks on a background with the HunterLab color 58.3492,

-38.9839, 11.2236.

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

58.3492, -38.9839, 11.2236

Protanopia

57.7843, -4.1867, 15.2801

Deuteranopia

57.8476, 4.1615, 9.0838



Tritanopia

58.2160, -24.4684, -11.8674

Trichromacy



Original Color

58.3492, -38.9839, 11.2236



Protanomaly

55.8809, -23.5289, 11.6142



Deuteranomaly

55.6089, -19.1136, 7.0640



Tritanomaly

58.1912, -30.8980, -2.4291

Monochromacy



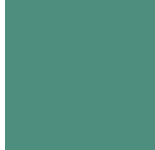
Original Color

58.3492, -38.9839, 11.2236



Achromatopsia

43.7266, -2.3331, 2.3758



Achromatomaly

47.3879, -20.5344, 3.7190

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.3492, -38.9839, 11.2236 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(0, 179, 137)` looks like.

```
.text, #text, p{  
    color:rgb(0, 179, 137)  
}
```

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(0, 179, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 179, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 58.3492, -38.9839, 11.2236 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(0, 179, 137) }
```


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

```
.border{ border-color:rgb(0, 179, 137) }
```

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

Here you see how a box with a 4 pixel rgb(0, 179, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 179, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 179, 137);  
box-shadow:4px 4px 4px 4px rgb(0, 179,  
137) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.3492, -38.9839, 11.2236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 179, 137) }
```

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

```
.background{ background-color: rgb(0, 179,  
137) }
```

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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