

Converting Colors

HunterLab(58.0060, -38.6241,
10.8760)

Have a look what the booklet for
HunterLab(58.0060, -38.6241,
10.8760) contains.

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Color

**HunterLab(58.0060,
-38.6241, 10.8760)**

Conversions

Conversions Part 1

Format	Color
Hex	00B289
RGB	0, 178, 137
RGB Percent	0%, 70%, 54%
CMY	0.9999, 0.3019, 0.4627
CMYK	1.00, 0.00, 0.23, 0.30
HSL	166°, 100%, 35%
HSV	166°, 100%, 70%
XYZ	20.4358, 33.6470, 29.0844
YIQ	120.1040, -92.9270, -50.4870

Conversions

Conversions Part 2

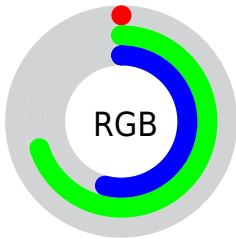
Format	Color
RYB	0, 101, 178
Decimal	45705
CIELab	64.68, -48.22, 10.30
CIELCh	65, 49.313, 167.941
Yxy	33.6483, 0.2457, 0.4046
Android (android.graphics.Color)	4278235785 (0xFF00B289)
YUV	120.1040, 8.3297, -105.3312
Hunter-Lab	58.0060, -38.6241, 10.8760

Details

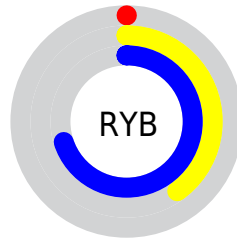
The HunterLab color **58.0060, -38.6241, 10.8760** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **31.0258, 53.6454, 16.0444**, and the grayscale version is **43.3764, -2.3145, 2.3567**.

A 20% lighter version of the original color is **80.9736, -45.3223, 13.4322**, and **38.8631, -27.0040, 9.7184** is the 20% darker color. If you saturate the color by 10%, you get **58.0069, -38.6257, 10.8781**, and if you desaturate by 10%, it is **58.2194, -37.5520, 9.5137**.

Distribution



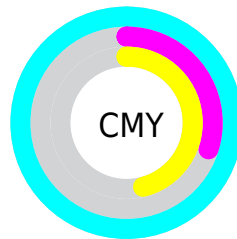
- Red (0%)
- Green (70%)
- Blue (54%)



- 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 58.0060, -38.6241, 10.8760 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 58.0060, -38.6241, 10.8760 by changing the saturation by 10% instead.


 58.0060, -38.6241,
10.8760


 58.0060, -38.6241,
10.8760


178.4827,
-65.2625, 21.3979


 47.5642, -35.1149,
9.7367


 80.8618, -45.1598,
13.1551


 37.8362, -31.3828,
8.5879


 93.2032, -48.2465,
14.3015


 28.8801, -27.3553,
7.4194


 106.1155,
-51.2408, 15.4562

 20.7694, -22.9190,
6.2133

 119.5746,
-54.1579, 16.6207

 13.6034, -18.9814,
4.9369

 133.5589,
-57.0098, 17.7964

 7.1998, -12.5997,
5.0399

 148.0495,

0.0000, NaN, NaN

-59.8061, 18.9840

0.0000, NaN, NaN

163.0293,
-62.5549, 20.1843

0.0000, NaN, NaN

■ 58.0060, -38.6241,
10.8760

■ 58.0060, -38.6241,
10.8760

■ 58.0069, -38.6257,
10.8781

■ 58.2194, -37.5520,
9.5137

■ 58.5328, -36.0678,
8.2184

■ 58.9830, -34.0375,
7.0395

■ 59.5846, -31.4195,
6.0033

■ 60.3477, -28.1957,
5.1308

■ 61.2792, -24.3677,
4.4382

■ 62.3827, -19.9537,
3.9370

■ 63.6594, -14.9849,
3.6337

■ 65.1083, -9.5022,
3.5304

Harmonies

Analogous

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



58.0071, -31.0236, 24.0020



58.0060, -38.6241, 10.8760



58.0071, -37.7959, -10.4986

Triad

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



58.0071, -38.6245, 10.8766



58.0071, 10.3694, -48.9455



58.0071, 27.6951, 25.6262

Complementary

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



58.0060, -38.6241, 10.8760



31.0258, 53.6454, 16.0444

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.



58.0071, 42.3456, 14.1343



58.0060, -38.6241, 10.8760



58.0071, 31.3719, -30.3579

Square

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



58.0071, -38.6245, 10.8766



58.0071, -11.5879, -50.8504



58.0071, 43.7826, -5.7940



58.0071, 5.9097, 30.1622

Rectangle

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



58.0060, -38.6241, 10.8760



58.0071, -32.5601, -27.0538



58.0071, 43.7826, -5.7940



58.0071, 33.7480, 22.6946

Sweetspot

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



58.0071, -38.6245, 10.8766



83.9208, -27.2048, 5.3308



56.8549, -46.5704, 34.2178



39.1982, -14.0078, 2.6293



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.



58.0071, -38.6245, 10.8766



78.0894, -52.1575, 14.9881



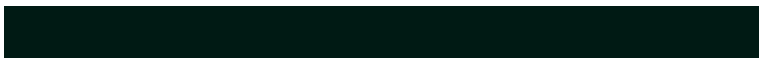
43.9593, -11.5891, -29.9260



30.9797, -4.3327, 1.6773



49.0761, -32.6103, 9.0554



8.7522, -5.4989, 0.9309

Inverse Universe

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



31.0258, 53.6454, 16.0444



41.7438, 72.1134, 22.1223



33.9665, 42.4924, 21.6728



29.2169, 1.2525, 1.6714



26.2586, 45.4363, 13.3421



4.7535, 8.4113, 0.9723

Previews

White Background



This preview shows how the HunterLab color 58.0060, -38.6241, 10.8760 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 58.0060, -38.6241, 10.8760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

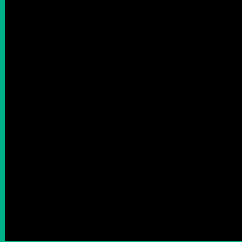
Any Text WCAG AA ✓ Pass

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 58.0060, -38.6241, 10.8760 Background



This preview shows how black text looks on a background with the HunterLab color 58.0060, -38.6241, 10.8760.



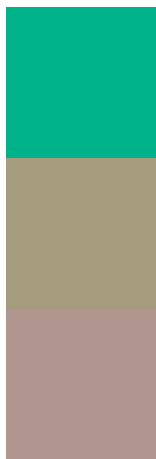
This preview shows how white text looks on a background with the HunterLab color 58.0060,

-38.6241, 10.8760.

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

58.0060, -38.6241, 10.8760

Protanopia

57.6911, -4.5130, 15.1843

Deuteranopia

57.4682, 4.3186, 8.6769



Tritanopia

58.1795, -24.6813, -11.3571

Trichromacy



Original Color

58.0060, -38.6241, 10.8760



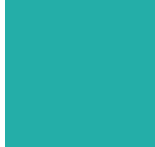
Protanomaly

55.8264, -23.7387, 11.5550



Deuteranomaly

55.2354, -18.9070, 6.6557



Tritanomaly

57.8570, -30.5017, -2.8461

Monochromacy



Original Color

58.0060, -38.6241, 10.8760



Achromatopsia

43.3383, -2.3124, 2.3547



Achromatomaly

47.0028, -20.4623, 3.7060

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.0060, -38.6241, 10.8760 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, 178, 137)` looks like.

```
.text, #text, p{  
    color:rgb(0, 178, 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, 178, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 178, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 58.0060, -38.6241, 10.8760 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, 178, 137) }
```


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

```
.border{ border-color:rgb(0, 178, 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, 178, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 178, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 178, 137);  
box-shadow:4px 4px 4px 4px rgb(0, 178,  
137) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.0060, -38.6241, 10.8760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 178, 137) }
```

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

```
.background{ background-color: rgb(0, 178,  
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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