

Converting Colors

HunterLab(60.9298, -40.8609,
12.0501)

Have a look what the booklet for
HunterLab(60.9298, -40.8609,
12.0501) contains.

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Color

**HunterLab(60.8858,
-40.7583, 11.8836)**

Conversions

Conversions Part 1

Format	Color
Hex	00BA8E
RGB	0, 186, 142
RGB Percent	0%, 73%, 56%
CMY	0.9999, 0.2706, 0.4431
CMYK	1.00, 0.00, 0.24, 0.27
HSL	166°, 100%, 36%
HSV	166°, 100%, 73%
XYZ	22.4414, 37.0708, 31.5637
YIQ	125.3700, -96.7320, -53.1160

Conversions

Conversions Part 2

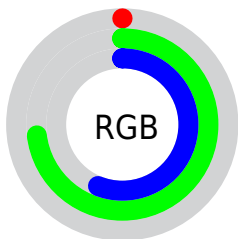
Format	Color
RYB	0, 105, 186
Decimal	47758
CIELab	67.33, -50.15, 11.31
CIELCh	67, 51.406, 167.292
Yxy	37.0723, 0.2464, 0.4070
Android (android.graphics.Color)	4278237838 (0xFF00BA8E)
YUV	125.3700, 8.1986, -109.9495
Hunter-Lab	60.8858, -40.7583, 11.8836

Details

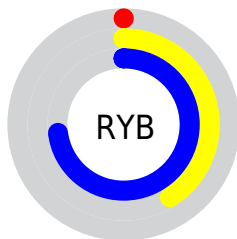
The HunterLab color **60.8858, -40.7583, 11.8836** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **32.5914, 56.3685, 16.7304**, and the grayscale version is **45.4297, -2.4240, 2.4683**.

A 20% lighter version of the original color is **84.0405, -47.3627, 14.1122**, and **41.5635, -29.0037, 10.6599** is the 20% darker color. If you saturate the color by 10%, you get **60.8867, -40.7600, 11.8859**, and if you desaturate by 10%, it is **61.1078, -39.6359, 10.4158**.

Distribution



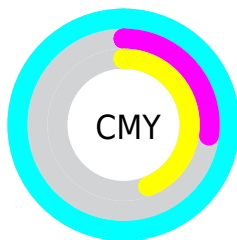
- Red (0%)
- Green (73%)
- Blue (56%)



- Red (0%)
- Yellow (41%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.8858, -40.7583, 11.8836 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 60.8858, -40.7583, 11.8836 by changing the saturation by 10% instead.

■ 60.8858, -40.7583,
11.8836

■ 60.8858, -40.7583,
11.8836

182.6536,
-68.0607, 22.8280

■ 50.2627, -37.1730,
10.6870

■ 84.0737, -47.4487,
14.2694

■ 40.3403, -33.3683,
9.4780

■ 96.5689, -50.6120,
15.4660

■ 31.1735, -29.2760,
8.2461

■ 109.6282,
-53.6819, 16.6687

■ 22.8304, -24.7916,
6.9735

■ 123.2284,
-56.6732, 17.8797

■ 15.4024, -20.0070,
5.6290

■ 137.3486,
-59.5979, 19.1001

■ 9.0089, -15.7656,
5.6936

■ 151.9703,

0.0000, NaN, NaN

-62.4657, 20.3311

0.0000, NaN, NaN

167.0770,
-65.2844, 21.5735

0.0000, NaN, NaN

■ 60.8858, -40.7583,
11.8836

■ 60.8858, -40.7583,
11.8836

■ 60.8867, -40.7600,
11.8859

■ 61.1078, -39.6359,
10.4158

■ 61.4365, -38.0728,
9.0161

■ 61.9097, -35.9324,
7.7354

■ 62.5428, -33.1702,
6.6017

■ 63.3466, -29.7668,
5.6378

■ 64.3284, -25.7240,
4.8615

■ 65.4922, -21.0609,
4.2851

■ 66.8391, -15.8108,
3.9162

■ 68.3682, -10.0174,
3.7575

Harmonies

Analogous

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



60.8870, -32.5358, 25.5481



60.8858, -40.7583, 11.8836



60.8870, -40.0766, -10.6079

Triad

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



60.8870, -40.7587, 11.8842



60.8870, 10.5002, -52.2993



60.8870, 29.8452, 26.8804

Complementary

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



60.8858, -40.7583, 11.8836



32.5914, 56.3685, 16.7304

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.



60.8870, 45.1462, 14.5688



60.8858, -40.7583, 11.8836



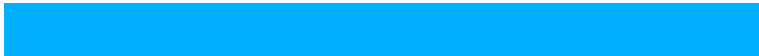
60.8870, 32.8867, -32.8089

Square

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



60.8870, -40.7587, 11.8842



60.8870, -12.7048, -53.8802



60.8870, 46.3356, -6.7167



60.8870, 6.8151, 31.7780

Rectangle

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



60.8858, -40.7583, 11.8836



60.8870, -34.6719, -28.1905



60.8870, 46.3356, -6.7167



60.8870, 36.2029, 23.7359

Sweetspot

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



60.8870, -40.7587, 11.8842



88.0859, -28.6926, 5.8017



59.7596, -48.6936, 35.9705



41.0131, -14.7518, 2.8639



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



60.8870, -40.7587, 11.8842



81.9471, -55.0217, 16.3493



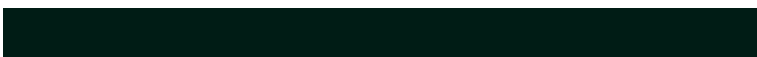
47.0724, -13.4760, -29.7439



31.8956, -4.4798, 1.7488



49.9520, -33.3581, 9.5748



9.4264, -5.9740, 1.1140

Inverse Universe

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



32.5914, 56.3685, 16.7304



43.8407, 75.7595, 23.0500



35.2621, 45.8499, 22.5300



30.0768, 1.3094, 1.6995



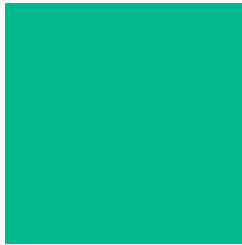
26.7496, 46.3043, 13.4503



5.1198, 9.0519, 1.1064

Previews

White Background



This preview shows how the HunterLab color 60.8858, -40.7583, 11.8836 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 60.8858, -40.7583, 11.8836 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 60.8858, -40.7583, 11.8836 Background



This preview shows how black text looks on a background with the HunterLab color 60.8858, -40.7583, 11.8836.



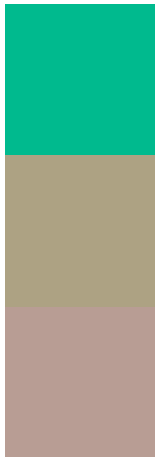
This preview shows how white text looks on a background with the HunterLab color 60.8858,

-40.7583, 11.8836.

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

60.8858, -40.7583, 11.8836

Protanopia

60.3022, -4.1439, 15.9731

Deuteranopia

60.3675, 4.2626, 9.7559



Tritanopia

60.8811, -25.4403, -12.6358

Trichromacy



Original Color

60.8858, -40.7583, 11.8836



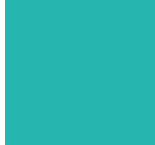
Protanomaly

58.4723, -24.8895, 12.3524



Deuteranomaly

58.1915, -20.4644, 7.7916



Tritanomaly

60.7973, -32.2172, -2.6529

Monochromacy



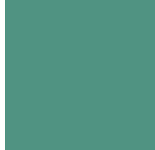
Original Color

60.8858, -40.7583, 11.8836



Achromatopsia

45.2856, -2.4163, 2.4605



Achromatomaly

49.2053, -21.3965, 4.0719

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.8858, -40.7583, 11.8836 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, 186, 142)` looks like.

```
.text, #text, p{  
    color:rgb(0, 186, 142)  
}
```

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, 186, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 186, 142) }
```

Border

The CSS property to change the border of an element to HunterLab 60.8858, -40.7583, 11.8836 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, 186, 142) }
```


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

```
.border{ border-color:rgb(0, 186, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 186, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 186, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 186, 142);  
box-shadow:4px 4px 4px 4px rgb(0, 186,  
142) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.8858, -40.7583, 11.8836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 186, 142) }
```

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

```
.background{ background-color: rgb(0, 186,  
142) }
```

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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