

Converting Colors

HunterLab(59.4668, -40.7192,
6.5805)

Have a look what the booklet for
HunterLab(59.4668, -40.7192,
6.5805) contains.

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Color

**HunterLab(60.0844,
-38.2466, 7.4631)**

Conversions

Conversions Part 1

Format	Color
Hex	00B797
RGB	0, 183, 151
RGB Percent	0%, 72%, 59%
CMY	0.9999, 0.2823, 0.4078
CMYK	1.00, 0.00, 0.17, 0.28
HSL	170°, 100%, 36%
HSV	170°, 100%, 72%
XYZ	22.5194, 36.1014, 35.0595
YIQ	124.6350, -98.7960, -48.7480

Conversions

Conversions Part 2

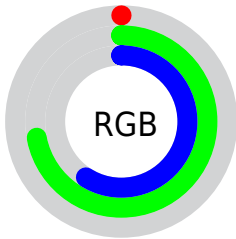
Format	Color
RYB	0, 100, 183
Decimal	46999
CIELab	66.60, -46.63, 5.33
CIELCh	67, 46.934, 173.481
Yxy	36.1027, 0.2404, 0.3854
Android (android.graphics.Color)	4278237079 (0xFF00B797)
YUV	124.6350, 12.9979, -109.3049
Hunter-Lab	60.0844, -38.2466, 7.4631

Details

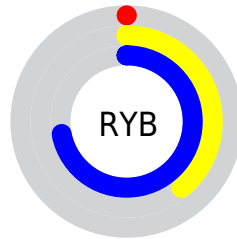
The HunterLab color **60.0844, -38.2466, 7.4631** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **31.8944, 54.9436, 18.0716**, and the grayscale version is **45.1249, -2.4078, 2.4517**.

A 20% lighter version of the original color is **83.2282, -44.6138, 9.3585**, and **40.7684, -26.9018, 7.1163** is the 20% darker color. If you saturate the color by 10%, you get **60.0853, -38.2481, 7.4651**, and if you desaturate by 10%, it is **60.2825, -37.2738, 6.3379**.

Distribution



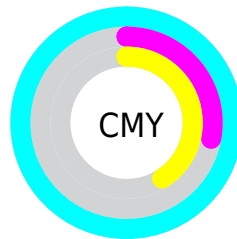
- Red (0%)
- Green (72%)
- Blue (59%)



- Red (0%)
- Yellow (39%)
- Blue (72%)



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (28%)



- Cyan (100%)
- Magenta (28%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.0844, -38.2466, 7.4631 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 60.0844, -38.2466, 7.4631 by changing the saturation by 10% instead.

60.0844, -38.2466,
7.4631

60.0844, -38.2466,
7.4631

181.4964,
-64.0417, 16.0612

49.5112, -34.8785,
6.6057

83.1809, -44.5426,
9.2356

39.6422, -31.3081,
5.7642

95.6337, -47.5250,
10.1509

30.5331, -27.4709,
4.9363

108.6526,
-50.4228, 11.0862

22.2537, -23.2669,
4.1168

122.2138,
-53.2498, 12.0414

14.8973, -18.7828,
3.2950

136.2965,
-56.0171, 13.0167

8.5468, -14.9569,
3.0495

150.8821,

0.0000, NaN, NaN

-58.7335, 14.0119

0.0000, NaN, NaN

165.9538,
-61.4064, 15.0268

0.0000, NaN, NaN

■ 60.0844, -38.2466,
7.4631

■ 60.0844, -38.2466,
7.4631

■ 60.0853, -38.2481,
7.4651

■ 60.2825, -37.2738,
6.3379

■ 60.5827, -35.8845,
5.3083

■ 61.0225, -33.9429,
4.4247

■ 61.6171, -31.4037,
3.7123

■ 62.3773, -28.2457,
3.1904

■ 63.3103, -24.4679,
2.8728

■ 64.4204, -20.0863,
2.7678

■ 65.7091, -15.1305,
2.8788

■ 67.1755, -9.6407,
3.2044

Harmonies

Analogous

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



60.0856, -32.2978, 21.9095



60.0844, -38.2466, 7.4631



60.0856, -35.8955, -14.1047

Triad

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



60.0856, -38.2469, 7.4637



60.0856, 13.7129, -43.6085



60.0856, 22.7133, 26.6492

Complementary

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



60.0844, -38.2466, 7.4631



31.8944, 54.9436, 18.0716

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.



60.0856, 38.4188, 16.6327



60.0844, -38.2466, 7.4631



60.0856, 32.7445, -24.3201

Square

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



60.0856, -38.2469, 7.4637



60.0856, -7.7181, -48.6704



60.0856, 42.3207, -1.2483



60.0856, 1.4366, 30.2591

Rectangle

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



60.0844, -38.2466, 7.4631



60.0856, -29.7532, -29.5564



60.0856, 42.3207, -1.2483



60.0856, 28.9311, 24.1282

Sweetspot

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



60.0856, -38.2469, 7.4637



86.1296, -27.1974, 3.7042



58.4817, -48.6852, 35.1831



40.1734, -13.9775, 1.7550



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



60.0856, -38.2469, 7.4637



80.3903, -51.3013, 10.2640



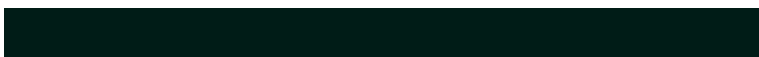
42.5457, -7.7932, -36.3533



31.9107, -4.3958, 1.5334



50.1934, -31.8911, 6.1063



9.4622, -5.7579, 0.6028

Inverse Universe

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



31.8944, 54.9436, 18.0716



42.6542, 73.4297, 24.5920



36.1807, 40.4893, 23.0021



30.0619, 1.2294, 1.9117



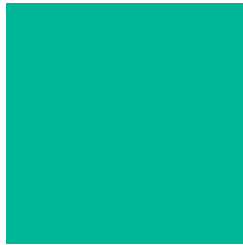
26.6518, 45.9425, 14.8926



5.0826, 8.9157, 1.6447

Previews

White Background



This preview shows how the HunterLab color 60.0844, -38.2466, 7.4631 looks on a white background.

Color Contrast Check

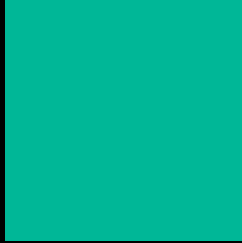
Large Text (above 18pt) WCAG AA × Fail

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 60.0844, -38.2466, 7.4631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

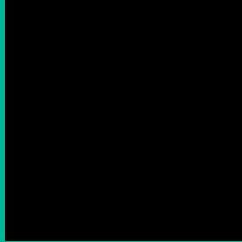
Any Text WCAG AA ✓ Pass

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 60.0844, -38.2466, 7.4631 Background



This preview shows how black text looks on a background with the HunterLab color 60.0844, -38.2466, 7.4631.



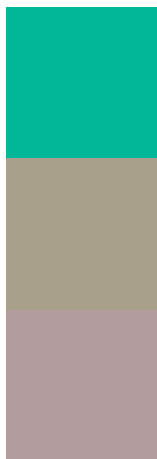
This preview shows how white text looks on a background with the HunterLab color 60.0844, -38.2466, 7.4631.

-38.2466, 7.4631.

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

60.0844, -38.2466, 7.4631

Protanopia

59.5321, -3.4559, 12.2961

Deuteranopia

59.7296, 4.0574, 5.2126



Tritanopia

60.0058, -25.5711, -12.7467

Trichromacy



Original Color

60.0844, -38.2466, 7.4631



Protanomaly

57.5991, -22.8743, 8.3424



Deuteranomaly

57.5758, -19.0264, 3.2112



Tritanomaly

59.7952, -30.8607, -4.9383

Monochromacy



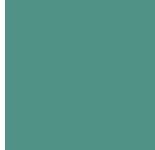
Original Color

60.0844, -38.2466, 7.4631



Achromatopsia

45.2856, -2.4163, 2.4605



Achromatomaly

48.9739, -20.4982, 2.5135

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.0844, -38.2466, 7.4631 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, 183, 151)` looks like.

```
.text, #text, p{  
    color:rgb(0, 183, 151)  
}
```

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, 183, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 183, 151) }
```

Border

The CSS property to change the border of an element to HunterLab 60.0844, -38.2466, 7.4631 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, 183, 151) }
```


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

```
.border{ border-color:rgb(0, 183, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 183, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 183, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 183, 151);  
box-shadow:4px 4px 4px 4px rgb(0, 183,  
151) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.0844, -38.2466, 7.4631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 183, 151) }
```

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

```
.background{ background-color: rgb(0, 183,  
151) }
```

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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