

Converting Colors

HunterLab(53.9556, -62.5102,
-2.1999)

Have a look what the booklet for
HunterLab(53.9556, -62.5102,
-2.1999) contains.

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Color

**HunterLab(59.8800,
-37.0367, 5.1068)**

Conversions

Conversions Part 1

Format	Color
Hex	00B69C
RGB	0, 182, 156
RGB Percent	0%, 71%, 61%
CMY	0.9999, 0.2863, 0.3882
CMYK	1.00, 0.00, 0.14, 0.29
HSL	171°, 100%, 36%
HSV	171°, 100%, 71%
XYZ	22.7287, 35.8561, 37.1755
YIQ	124.6180, -100.1260, -46.6700

Conversions

Conversions Part 2

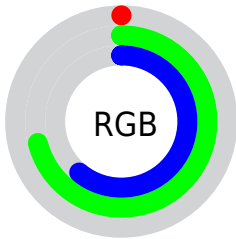
Format	Color
RYB	0, 98, 182
Decimal	46748
CIELab	66.41, -44.87, 2.30
CIELCh	66, 44.926, 177.064
Yxy	35.8575, 0.2374, 0.3744
Android (android.graphics.Color)	4278236828 (0xFF00B69C)
YUV	124.6180, 15.4713, -109.2900
Hunter-Lab	59.8800, -37.0367, 5.1068

Details

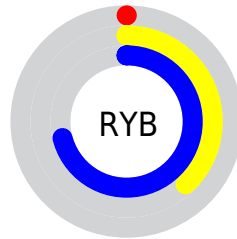
The HunterLab color **59.8800, -37.0367, 5.1068** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **31.6554, 54.4424, 18.6257**, and the grayscale version is **45.1095, -2.4069, 2.4509**.

A 20% lighter version of the original color is **83.0226, -43.3161, 6.8566**, and **40.5688, -25.8126, 5.0145** is the 20% darker color. If you saturate the color by 10%, you get **59.8809, -37.0381, 5.1088**, and if you desaturate by 10%, it is **60.0643, -36.1494, 4.1789**.

Distribution



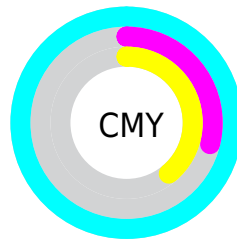
- Red (0%)
- Green (71%)
- Blue (61%)



- Red (0%)
- Yellow (38%)
- Blue (71%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (29%)



- Cyan (100%)
- Magenta (29%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.8800, -37.0367, 5.1068 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 59.8800, -37.0367, 5.1068 by changing the saturation by 10% instead.

■ 59.8800, -37.0367,
5.1068

■ 59.8800, -37.0367,
5.1068

181.2008,
-62.0654, 12.5590

■ 49.3195, -33.7807,
4.4129

■ 82.9531, -43.1307,
6.5820

■ 39.4642, -30.3320,
3.7479

■ 95.3950, -46.0208,
7.3603

■ 30.3701, -26.6285,
3.1131

■ 108.4035,
-48.8311, 8.1649

■ 22.1070, -22.5736,
2.5088

■ 121.9547,
-51.5747, 8.9952

■ 14.7690, -18.2130,
1.9340

■ 136.0279,
-54.2622, 9.8503

■ 8.4245, -14.7429,
1.5908

■ 150.6042,

0.0000, NaN, NaN

-56.9020, 10.7297

0.0000, NaN, NaN

165.6669,
-59.5012, 11.6328

0.0000, NaN, NaN

■ 59.8800, -37.0367,
5.1068

■ 59.8800, -37.0367,
5.1068

■ 59.8809, -37.0381,
5.1088

■ 60.0643, -36.1494,
4.1789

■ 60.3491, -34.8550,
3.3581

■ 60.7716, -33.0176,
2.6945

■ 61.3471, -30.5916,
2.2118

■ 62.0864, -27.5545,
1.9277

■ 62.9968, -23.9040,
1.8539

■ 64.0827, -19.6544,
1.9969

■ 65.3456, -14.8338,
2.3578

■ 66.7850, -9.4807,
2.9336

Harmonies

Analogous

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



59.8811, -32.2374, 19.9654



59.8800, -37.0367, 5.1068



59.8811, -33.8035, -15.9394

Triad

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



59.8811, -37.0370, 5.1075



59.8811, 15.3685, -39.4508



59.8811, 19.2340, 26.5903

Complementary

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



59.8800, -37.0367, 5.1068



31.6554, 54.4424, 18.6257

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.



59.8811, 35.1388, 17.6581



59.8800, -37.0367, 5.1068



59.8811, 32.7088, -20.3011

Square

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



59.8811, -37.0370, 5.1075



59.8811, -5.1600, -46.1418



59.8811, 40.3651, 1.3507



59.8811, -1.2111, 29.5335

Rectangle

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



59.8800, -37.0367, 5.1068



59.8811, -27.2586, -30.2800



59.8811, 40.3651, 1.3507



59.8811, 25.3862, 24.3703

Sweetspot

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



59.8811, -37.0370, 5.1075



86.2021, -26.7814, 2.6714



58.0469, -48.7237, 34.9145



40.2121, -13.7542, 1.2036



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.



59.8811, -37.0370, 5.1075



80.6100, -49.9712, 7.1179



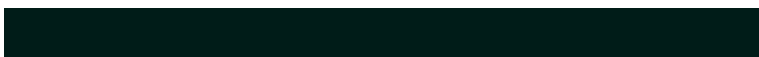
40.5066, -4.9660, -39.9072



31.9186, -4.3520, 1.4211



50.3276, -31.0795, 4.1867



9.4816, -5.6408, 0.3257

Inverse Universe

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



31.6554, 54.4424, 18.6257



42.5972, 73.2185, 25.4357



36.8517, 37.7594, 23.3677



30.0542, 1.1881, 2.0212



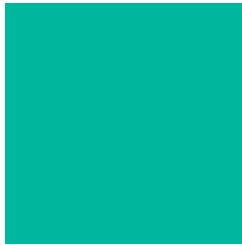
26.6119, 45.7946, 15.4832



5.0632, 8.8444, 1.9271

Previews

White Background



This preview shows how the HunterLab color 59.8800, -37.0367, 5.1068 looks on a white background.

Color Contrast Check

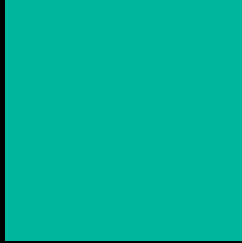
Large Text (above 18pt) WCAG AA × Fail

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 59.8800, -37.0367, 5.1068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

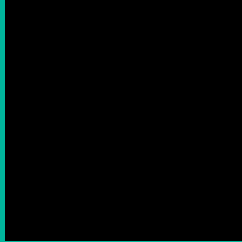
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

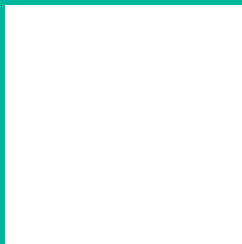
Any Text WCAG AAA ✓ Pass

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

HunterLab 59.8800, -37.0367, 5.1068 Background



This preview shows how black text looks on a background with the HunterLab color 59.8800, -37.0367, 5.1068.



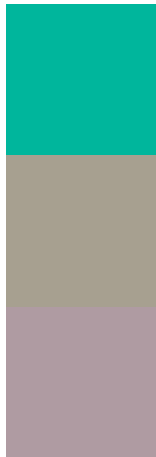
This preview shows how white text looks on a background with the HunterLab color 59.8800, -37.0367, 5.1068.

-37.0367, 5.1068.

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

59.8800, -37.0367, 5.1068

Protanopia

59.4733, -3.4095, 10.2832

Deuteranopia

59.3003, 4.3537, 2.4403



Tritanopia

59.9032, -26.0401, -12.3294

Trichromacy



Original Color

59.8800, -37.0367, 5.1068



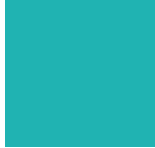
Protanomaly

57.6260, -22.5027, 6.2889



Deuteranomaly

57.2956, -18.1577, 0.5720



Tritanomaly

59.8010, -30.7706, -5.4491

Monochromacy



Original Color

59.8800, -37.0367, 5.1068



Achromatopsia

45.2856, -2.4163, 2.4605



Achromatomaly

49.0314, -20.1625, 1.6940

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.8800, -37.0367, 5.1068 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, 182, 156)` looks like.

```
.text, #text, p{  
    color:rgb(0, 182, 156)  
}
```

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, 182, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 182, 156) }
```

Border

The CSS property to change the border of an element to HunterLab 59.8800, -37.0367, 5.1068 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, 182, 156) }
```


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

```
.border{ border-color:rgb(0, 182, 156) }
```

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

Here you see how a box with a 4 pixel rgb(0, 182, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 182, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 182, 156);  
box-shadow:4px 4px 4px 4px rgb(0, 182,  
156) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.8800, -37.0367, 5.1068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 182, 156) }
```

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

```
.background{ background-color: rgb(0, 182,  
156) }
```

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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