

Converting Colors

HunterLab(60.6135, -44.1470,
6.6521)

Have a look what the booklet for
HunterLab(60.6135, -44.1470,
6.6521) contains.

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Color

**HunterLab(61.8866,
-39.6091, 8.1517)**

Conversions

Conversions Part 1

Format	Color
Hex	00BC9A
RGB	0, 188, 154
RGB Percent	0%, 74%, 60%
CMY	0.9999, 0.2627, 0.3961
CMYK	1.00, 0.00, 0.18, 0.26
HSL	169°, 100%, 37%
HSV	169°, 100%, 74%
XYZ	23.8159, 38.2995, 36.7091
YIQ	127.9120, -101.1340, -50.4300

Conversions

Conversions Part 2

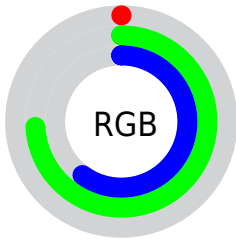
Format	Color
RYB	0, 103, 188
Decimal	48282
CIELab	68.24, -47.89, 6.04
CIELCh	68, 48.267, 172.805
Yxy	38.3010, 0.2410, 0.3876
Android (android.graphics.Color)	4278238362 (0xFF00BC9A)
YUV	127.9120, 12.8614, -112.1788
Hunter-Lab	61.8866, -39.6091, 8.1517

Details

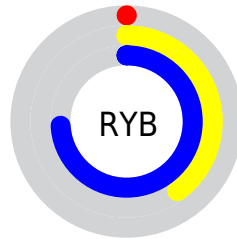
The HunterLab color **61.8866, -39.6091, 8.1517** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **32.8753, 56.6479, 18.5167**, and the grayscale version is **46.4093, -2.4763, 2.5215**.

A 20% lighter version of the original color is **85.1208, -46.0511, 10.0792**, and **42.4611, -28.1770, 7.7533** is the 20% darker color. If you saturate the color by 10%, you get **61.8876, -39.6106, 8.1538**, and if you desaturate by 10%, it is **62.0906, -38.6014, 6.9525**.

Distribution



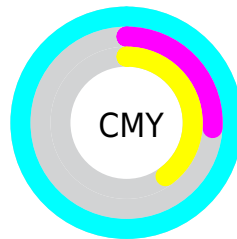
- Red (0%)
- Green (74%)
- Blue (60%)



- Red (0%)
- Yellow (40%)
- Blue (74%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (26%)



- Cyan (100%)
- Magenta (26%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.8866, -39.6091, 8.1517 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 61.8866, -39.6091, 8.1517 by changing the saturation by 10% instead.

61.8866, -39.6091,
8.1517

61.8866, -39.6091,
8.1517

184.0949,
-65.8485, 17.0515

51.2019, -36.1881,
7.2523

85.1876, -46.0104,
10.0014

41.2136, -32.5660,
6.3661

97.7352, -49.0444,
10.9526

31.9753, -28.6804,
5.4901

110.8447,
-51.9927, 11.9222

23.5539, -24.4359,
4.6182

124.4930,
-54.8692, 12.9105

16.0380, -19.7140,
3.7388

138.6596,
-57.6849, 13.9176

9.5535, -16.7186,
3.1446

153.3262,

0.0000, NaN, NaN

-60.4486, 14.9436

0.0000, NaN, NaN

168.4763,
-63.1678, 15.9882

0.0000, NaN, NaN

■ 61.8866, -39.6091,
8.1517

■ 61.8866, -39.6091,
8.1517

■ 61.8876, -39.6106,
8.1538

■ 62.0906, -38.6014,
6.9525

■ 62.4010, -37.1594,
5.8502

■ 62.8557, -35.1458,
4.8957

■ 63.4705, -32.5135,
4.1158

■ 64.2566, -29.2404,
3.5306

■ 65.2216, -25.3256,
3.1550

■ 66.3699, -20.7856,
2.9979

■ 67.7029, -15.6517,
3.0633

■ 69.2198, -9.9655,
3.3502

Harmonies

Analogous

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



61.8878, -33.2525, 22.9341



61.8866, -39.6091, 8.1517



61.8878, -37.3671, -14.1439

Triad

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



61.8878, -39.6094, 8.1523



61.8878, 13.7745, -45.7450



61.8878, 24.0952, 27.4395

Complementary

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



61.8866, -39.6091, 8.1517



32.8753, 56.6479, 18.5167

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.



61.8878, 40.2154, 16.9041



61.8866, -39.6091, 8.1517



61.8878, 33.7051, -25.8712

Square

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



61.8878, -39.6094, 8.1523



61.8878, -8.4626, -50.6095



61.8878, 43.9555, -1.8301



61.8878, 2.0262, 31.2891

Rectangle

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



61.8866, -39.6091, 8.1517



61.8878, -31.1265, -30.2687



61.8878, 43.9555, -1.8301



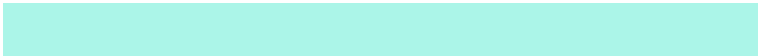
61.8878, 30.5073, 24.7826

Sweetspot

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



61.8878, -39.6094, 8.1523



89.2642, -28.3090, 4.0393



60.2629, -50.1893, 36.2544



41.0806, -14.3615, 1.9006



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.



61.8878, -39.6094, 8.1523



83.2937, -53.4464, 11.2655



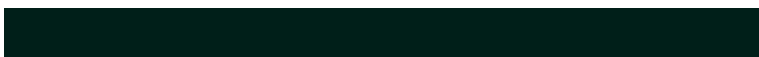
43.8108, -7.9794, -37.5327



32.8316, -4.5411, 1.5988



51.0747, -32.6241, 6.5872



10.1473, -6.2221, 0.7485

Inverse Universe

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



32.8753, 56.6479, 18.5167



44.2272, 76.1564, 25.3545



37.2512, 41.8218, 23.6852



30.9254, 1.2841, 1.9466



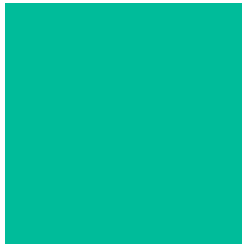
27.1403, 46.7982, 15.0604



5.4522, 9.5595, 1.7986

Previews

White Background



This preview shows how the HunterLab color 61.8866, -39.6091, 8.1517 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 61.8866, -39.6091, 8.1517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

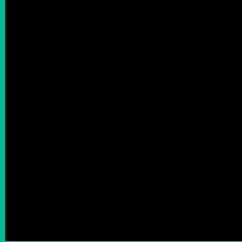
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

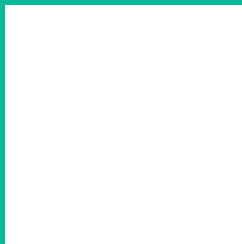
Any Text WCAG AAA ✓ Pass

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

HunterLab 61.8866, -39.6091, 8.1517 Background



This preview shows how black text looks on a background with the HunterLab color 61.8866, -39.6091, 8.1517.



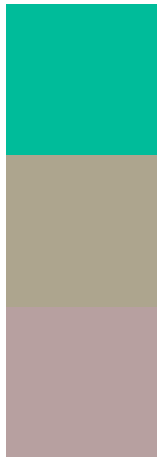
This preview shows how white text looks on a background with the HunterLab color 61.8866,

-39.6091, 8.1517.

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

61.8866, -39.6091, 8.1517

Protanopia

61.4390, -4.1725, 13.0893

Deuteranopia

61.4386, 4.1767, 5.8366



Tritanopia

61.8865, -26.4400, -12.9358

Trichromacy



Original Color

61.8866, -39.6091, 8.1517



Protanomaly

59.3948, -24.1130, 9.0305



Deuteranomaly

59.1025, -19.6233, 3.6248



Tritanomaly

61.6235, -32.0245, -4.6493

Monochromacy



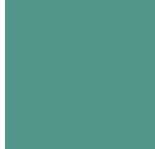
Original Color

61.8866, -39.6091, 8.1517



Achromatopsia

46.4608, -2.4790, 2.5243



Achromatomaly

50.3668, -21.4614, 2.8002

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.8866, -39.6091, 8.1517 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, 188, 154)` looks like.

```
.text, #text, p{  
    color:rgb(0, 188, 154)  
}
```

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, 188, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 188, 154) }
```

Border

The CSS property to change the border of an element to HunterLab 61.8866, -39.6091, 8.1517 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, 188, 154) }
```


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

```
.border{ border-color:rgb(0, 188, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 188, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 188, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 188, 154);  
box-shadow:4px 4px 4px 4px rgb(0, 188,  
154) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.8866, -39.6091, 8.1517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 188, 154) }
```

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

```
.background{ background-color: rgb(0, 188,  
154) }
```

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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