

Converting Colors

HunterLab(61.6059, -42.0598,
7.8996)

Have a look what the booklet for
HunterLab(61.6059, -42.0598,
7.8996) contains.

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Color

**HunterLab(62.2321,
-39.9800, 8.5206)**

Conversions

Conversions Part 1

Format	Color
Hex	00BD9A
RGB	0, 189, 154
RGB Percent	0%, 74%, 60%
CMY	0.9999, 0.2588, 0.3961
CMYK	1.00, 0.00, 0.19, 0.26
HSL	169°, 100%, 37%
HSV	169°, 100%, 74%
XYZ	24.0304, 38.7283, 36.7807
YIQ	128.4990, -101.4090, -50.9530

Conversions

Conversions Part 2

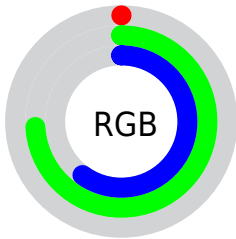
Format	Color
RYB	0, 104, 189
Decimal	48538
CIELab	68.56, -48.29, 6.49
CIELCh	69, 48.729, 172.341
Yxy	38.7298, 0.2414, 0.3891
Android (android.graphics.Color)	4278238618 (0xFF00BD9A)
YUV	128.4990, 12.5720, -112.6936
Hunter-Lab	62.2321, -39.9800, 8.5206

Details

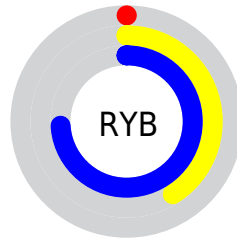
The HunterLab color **62.2321, -39.9800, 8.5206** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **33.0775, 57.0095, 18.5265**, and the grayscale version is **46.6411, -2.4887, 2.5341**.

A 20% lighter version of the original color is **85.5092, -46.3383, 10.5023**, and **42.4611, -28.1770, 7.7533** is the 20% darker color. If you saturate the color by 10%, you get **62.2331, -39.9816, 8.5228**, and if you desaturate by 10%, it is **62.4386, -38.9575, 7.2886**.

Distribution



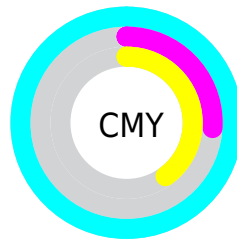
- Red (0%)
- Green (74%)
- Blue (60%)



- Red (0%)
- Yellow (41%)
- Blue (74%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (26%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.2321, -39.9800, 8.5206 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 62.2321, -39.9800, 8.5206 by changing the saturation by 10% instead.

■ 62.2321, -39.9800,
8.5206

■ 62.2321, -39.9800,
8.5206

184.5916,
-66.3771, 17.5972

■ 51.5263, -36.5382,
7.5961

■ 85.5719, -46.4207,
10.4161

■ 41.5154, -32.8945,
6.6829

■ 98.1374, -49.4733,
11.3884

■ 32.2527, -28.9867,
5.7776

■ 111.2642,
-52.4396, 12.3781

■ 23.8045, -24.7198,
4.8732

■ 124.9290,
-55.3334, 13.3857

■ 16.2585, -19.9605,
3.9569

■ 139.1116,
-58.1659, 14.4114

■ 9.7393, -17.0437,
3.3038

153.7935,

0.0000, NaN, NaN

-60.9460, 15.4552

0.0000, NaN, NaN

168.9585,
-63.6811, 16.5172

0.0000, NaN, NaN

■ 62.2321, -39.9800,
8.5206

■ 62.2321, -39.9800,
8.5206

■ 62.2331, -39.9816,
8.5228

■ 62.4386, -38.9575,
7.2886

■ 62.7524, -37.4965,
6.1522

■ 63.2115, -35.4592,
5.1627

■ 63.8318, -32.7985,
4.3470

■ 64.6248, -29.4921,
3.7258

■ 65.5980, -25.5392,
3.3142

■ 66.7556, -20.9568,
3.1216

■ 68.0993, -15.7765,
3.1523

■ 69.6283, -10.0404,
3.4055

Harmonies

Analogous

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



62.2333, -33.4274, 23.3168



62.2321, -39.9800, 8.5206



62.2333, -37.8509, -13.9541

Triad

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



62.2333, -39.9803, 8.5212



62.2333, 13.6061, -46.5826



62.2333, 24.7216, 27.5858

Complementary

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



62.2321, -39.9800, 8.5206



33.0775, 57.0095, 18.5265

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.



62.2333, 40.8913, 16.8379



62.2321, -39.9800, 8.5206



62.2333, 33.8769, -26.5947

Square

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



62.2333, -39.9803, 8.5212



62.2333, -8.8684, -51.2270



62.2333, 44.4558, -2.2246



62.2333, 2.4216, 31.5486

Rectangle

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



62.2321, -39.9800, 8.5206



62.2333, -31.6355, -30.3145



62.2333, 44.4558, -2.2246



62.2333, 31.1747, 24.8717

Sweetspot

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



62.2333, -39.9803, 8.5212



89.2541, -28.3670, 4.1833



60.6673, -50.2907, 36.5018



41.0753, -14.3922, 1.9764



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.



62.2333, -39.9803, 8.5212



83.2639, -53.6272, 11.6930



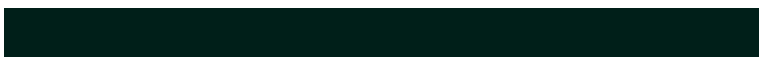
45.0122, -9.4559, -35.8469



32.8305, -4.5472, 1.6144



51.0568, -32.7326, 6.8436



10.1445, -6.2391, 0.7888

Inverse Universe

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



33.0775, 57.0095, 18.5265



44.2364, 76.1905, 25.2185



37.0374, 43.3156, 23.5795



30.9265, 1.2899, 1.9312



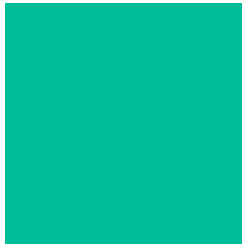
27.1466, 46.8212, 14.9684



5.4549, 9.5693, 1.7598

Previews

White Background



This preview shows how the HunterLab color 62.2321, -39.9800, 8.5206 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 62.2321, -39.9800, 8.5206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

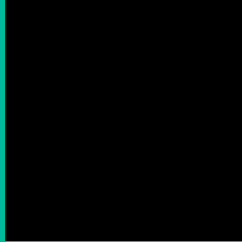
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

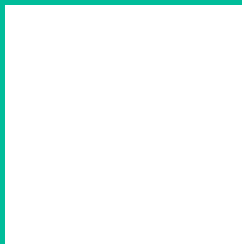
Any Text WCAG AAA ✓ Pass

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

HunterLab 62.2321, -39.9800, 8.5206 Background



This preview shows how black text looks on a background with the HunterLab color 62.2321, -39.9800, 8.5206.



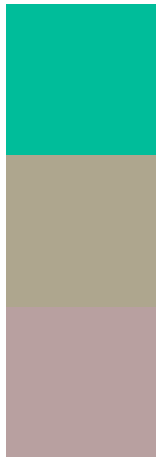
This preview shows how white text looks on a background with the HunterLab color 62.2321, -39.9800, 8.5206.

-39.9800, 8.5206.

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

62.2321, -39.9800, 8.5206

Protanopia

61.8256, -4.3317, 13.4792

Deuteranopia

61.5386, 4.5124, 5.9563



Tritanopia

62.2776, -26.5612, -12.9530

Trichromacy



Original Color

62.2321, -39.9800, 8.5206



Protanomaly

59.7720, -24.3283, 9.4305



Deuteranomaly

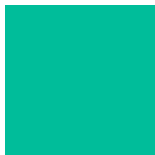
59.4780, -19.8437, 4.0572



Tritanomaly

62.0084, -32.1730, -4.6698

Monochromacy



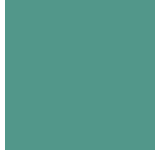
Original Color

62.2321, -39.9800, 8.5206



Achromatopsia

46.8536, -2.5000, 2.5456



Achromatomaly

50.7563, -21.5340, 2.8114

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.2321, -39.9800, 8.5206 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, 189, 154)` looks like.

```
.text, #text, p{  
    color:rgb(0, 189, 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, 189, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 189, 154) }
```

Border

The CSS property to change the border of an element to HunterLab 62.2321, -39.9800, 8.5206 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, 189, 154) }
```


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

```
.border{ border-color:rgb(0, 189, 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, 189, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 189, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 189, 154);  
box-shadow:4px 4px 4px 4px rgb(0, 189,  
154) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.2321, -39.9800, 8.5206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 189, 154) }
```

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

```
.background{ background-color: rgb(0, 189,  
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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