

Converting Colors

HunterLab(62.1926, -48.4265,
1.1882)

Have a look what the booklet for
HunterLab(62.1926, -48.4265,
1.1882) contains.

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Color

**HunterLab(64.4095,
-39.1448, 3.9961)**

Conversions

Conversions Part 1

Format	Color
Hex	00C2AA
RGB	0, 194, 170
RGB Percent	0%, 76%, 67%
CMY	0.9999, 0.2392, 0.3333
CMYK	1.00, 0.00, 0.12, 0.24
HSL	173°, 100%, 38%
HSV	173°, 100%, 76%
XYZ	26.5475, 41.4858, 44.6386
YIQ	133.2580, -107.9200, -48.5920

Conversions

Conversions Part 2

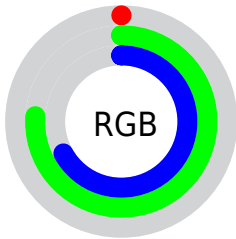
Format	Color
RYB	0, 103, 194
Decimal	49834
CIELab	70.52, -46.07, 0.59
CIELCh	71, 46.076, 179.267
Yxy	41.4874, 0.2356, 0.3682
Android (android.graphics.Color)	4278239914 (0xFF00C2AA)
YUV	133.2580, 18.1138, -116.8673
Hunter-Lab	64.4095, -39.1448, 3.9961

Details

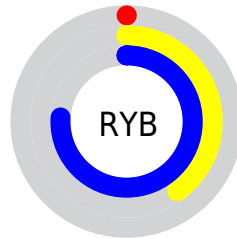
The HunterLab color **64.4095, -39.1448, 3.9961** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **33.9654, 58.3563, 20.4394**, and the grayscale version is **48.4980, -2.5877, 2.6350**.

A 20% lighter version of the original color is **87.8620, -45.1604, 5.2801**, and **44.4671, -27.6294, 4.0638** is the 20% darker color. If you saturate the color by 10%, you get **64.4105, -39.1463, 3.9982**, and if you desaturate by 10%, it is **64.5924, -38.2718, 3.1196**.

Distribution



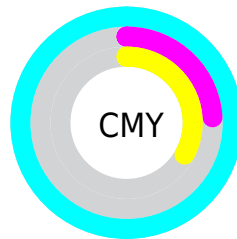
- Red (0%)
- Green (76%)
- Blue (67%)



- Red (0%)
- Yellow (40%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (24%)





- Cyan (100%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.4095, -39.1448, 3.9961 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 64.4095, -39.1448, 3.9961 by changing the saturation by 10% instead.


 64.4095, -39.1448,
3.9961


 64.4095, -39.1448,
3.9961


187.7109,
-64.4465, 10.9201


 53.5725, -35.8783,
3.3774


 87.9905, -45.2818,
5.3345


 43.4213, -32.4319,
2.7934


 100.6681,
-48.2000, 6.0498


 34.0072, -28.7512,
2.2469


 113.9021,
-51.0410, 6.7942

 25.3932, -24.7533,
1.7409

 127.6700,
-53.8171, 7.5668

 17.6620, -20.3060,
1.2785

 141.9518,
-56.5383, 8.3665

 10.9289, -19.1256,
0.8642

156.7297,

 2.3902, -4.1829,

-59.2127, 9.1925

1.1519

171.9876,
-61.8469, 10.0439

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.4095, -39.1448,
3.9961

■ 64.4095, -39.1448,
3.9961

■ 64.4105, -39.1463,
3.9982

■ 64.5924, -38.2718,
3.1196

■ 64.8848, -36.9562,
2.3672

■ 65.3252, -35.0582,
1.7908

■ 65.9304, -32.5261,
1.4158

■ 66.7125, -29.3343,

1.2604

■ 67.6796, -25.4786,
1.3366

■ 68.8365, -20.9733,
1.6500

■ 70.1852, -15.8479,
2.2009

■ 71.7250, -10.1434,
2.9846

Harmonies

Analogous

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



64.4107, -34.6908, 20.2525



64.4095, -39.1448, 3.9961



64.4107, -35.1038, -18.3197

Triad

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



64.4107, -39.1451, 3.9968



64.4107, 17.5828, -39.9785



64.4107, 18.5942, 28.6112

Complementary

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



64.4095, -39.1448, 3.9961



33.9654, 58.3563, 20.4394

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.



64.4107, 35.8405, 19.6423



64.4095, -39.1448, 3.9961



64.4107, 35.2057, -19.4571

Square

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



64.4107, -39.1451, 3.9968



64.4107, -3.9574, -48.1485



64.4107, 42.2724, 3.0114



64.4107, -2.9215, 31.3601

Rectangle

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



64.4095, -39.1448, 3.9961



64.4107, -27.7979, -33.0597



64.4107, 42.2724, 3.0114



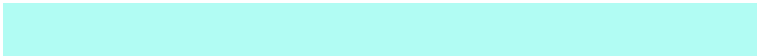
64.4107, 25.1794, 26.4032

Sweetspot

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



64.4107, -39.1451, 3.9968



92.5707, -28.5478, 2.1927



62.2922, -52.5149, 37.4640



42.9940, -14.6207, 0.9259

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.4107, -39.1451, 3.9968



86.6808, -52.7813, 5.5961



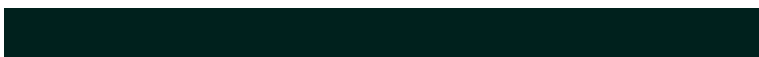
42.4635, -3.6636, -45.1644



33.7732, -4.5955, 1.4296



52.2340, -31.6934, 3.1291



10.8858, -6.4176, 0.2474

Inverse Universe

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



33.9654, 58.3563, 20.4394



45.6944, 78.4722, 27.8271



39.9948, 39.4085, 25.3332



31.7769, 1.2530, 2.2103



27.5515, 47.3645, 16.3943



5.7862, 10.0644, 2.5347

Previews

White Background



This preview shows how the HunterLab color 64.4095, -39.1448, 3.9961 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 64.4095, -39.1448, 3.9961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

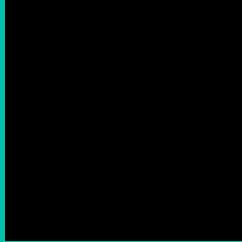
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

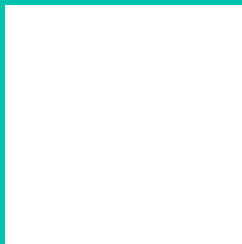
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.4095, -39.1448, 3.9961 Background



This preview shows how black text looks on a background with the HunterLab color 64.4095, -39.1448, 3.9961.



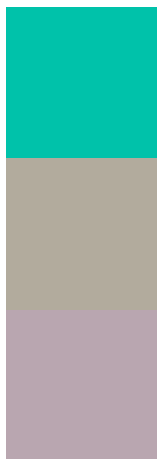
This preview shows how white text looks on a background with the HunterLab color 64.4095,

-39.1448, 3.9961.

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

64.4095, -39.1448, 3.9961

Protanopia

64.0509, -3.3774, 9.8814

Deuteranopia

63.8133, 4.3564, 1.2349



Tritanopia

64.4088, -28.1532, -13.3912

Trichromacy



Original Color

64.4095, -39.1448, 3.9961



Protanomaly

61.9351, -23.5050, 5.0300



Deuteranomaly

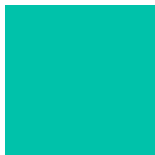
61.6102, -19.0564, -0.9060



Tritanomaly

64.3356, -32.7578, -6.8883

Monochromacy



Original Color

64.4095, -39.1448, 3.9961



Achromatopsia

48.4304, -2.5841, 2.6313



Achromatomaly

52.3921, -21.3112, 1.1362

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.4095, -39.1448, 3.9961 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, 194, 170)` looks like.

```
.text, #text, p{  
    color:rgb(0, 194, 170)  
}
```

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, 194, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 194, 170) }
```

Border

The CSS property to change the border of an element to HunterLab 64.4095, -39.1448, 3.9961 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, 194, 170) }
```


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

```
.border{ border-color:rgb(0, 194, 170) }
```

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

Here you see how a box with a 4 pixel rgb(0, 194, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 194, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 194, 170);  
box-shadow:4px 4px 4px 4px rgb(0, 194,  
170) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.4095, -39.1448, 3.9961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 194, 170) }
```

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

```
.background{ background-color: rgb(0, 194,  
170) }
```

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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