

Converting Colors

HunterLab(64.0412, -50.7234,
-1.6598)

Have a look what the booklet for
HunterLab(64.0412, -50.7234,
-1.6598) contains.

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Color

**HunterLab(66.8167,
-39.4701, 1.6896)**

Conversions

Conversions Part 1

Format	Color
Hex	00C8B5
RGB	0, 200, 181
RGB Percent	0%, 78%, 71%
CMY	0.9999, 0.2157, 0.2902
CMYK	1.00, 0.00, 0.10, 0.22
HSL	174°, 100%, 39%
HSV	174°, 100%, 78%
XYZ	28.9948, 44.6447, 50.8051
YIQ	138.0340, -113.1010, -48.3090

Conversions

Conversions Part 2

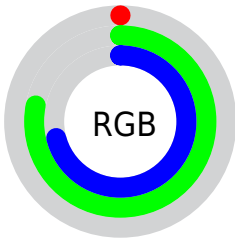
Format	Color
RYB	0, 105, 200
Decimal	51381
CIELab	72.66, -45.56, -2.27
CIELCh	73, 45.613, 182.847
Yxy	44.6464, 0.2330, 0.3588
Android (android.graphics.Color)	4278241461 (0xFF00C8B5)
YUV	138.0340, 21.1822, -121.0558
Hunter-Lab	66.8167, -39.4701, 1.6896

Details

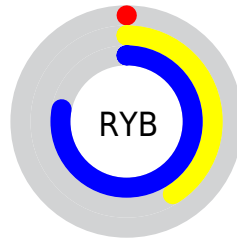
The HunterLab color **66.8167, -39.4701, 1.6896** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **35.1108, 60.2569, 21.6468**, and the grayscale version is **50.3828, -2.6883, 2.7374**.

A 20% lighter version of the original color is **89.7318, -44.3598, 1.5762**, and **46.7004, -28.1316, 2.3566** is the 20% darker color. If you saturate the color by 10%, you get **66.8177, -39.4717, 1.6917**, and if you desaturate by 10%, it is **66.9879, -38.6715, 0.9964**.

Distribution



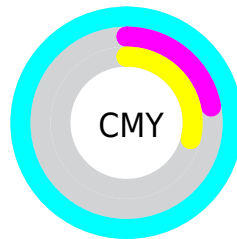
- Red (0%)
- Green (78%)
- Blue (71%)



- Red (0%)
- Yellow (41%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.8167, -39.4701, 1.6896 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 66.8167, -39.4701, 1.6896 by changing the saturation by 10% instead.

■ 66.8167, -39.4701,
1.6896

■ 66.8167, -39.4701,
1.6896

191.1386,
-64.4237, 7.6612

■ 55.8382, -36.2688,
1.2024

■ 90.6585, -45.5011,
2.7855

■ 45.5359, -32.8996,
0.7582

■ 103.4573,
-48.3751, 3.3878

■ 35.9591, -29.3130,
0.3619

■ 116.8074,
-51.1760, 4.0238

■ 27.1676, -25.4346,
0.0191

■ 130.6870,
-53.9156, 4.6921

■ 19.2389, -21.1469,
-0.2629

■ 145.0766,
-56.6031, 5.3911

■ 12.2798, -18.2941,
-0.4729

159.9587,

■ 5.4250, -9.4938,

-59.2463, 6.1197

-1.4359

175.3175,
-61.8514, 6.8768

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.8167, -39.4701,
1.6896

■ 66.8167, -39.4701,
1.6896

■ 66.8177, -39.4717,
1.6917

■ 66.9879, -38.6715,
0.9964

■ 67.2727, -37.4160,
0.4420

■ 67.7103, -35.5611,
0.0789

■ 68.3183, -33.0517,
-0.0674

■ 69.1095, -29.8593,

0.0206

■ 70.0924, -25.9779,
0.3533

■ 71.2723, -21.4206,
0.9349

■ 72.6515, -16.2166,
1.7637

■ 74.2294, -10.4074,
2.8328

Harmonies

Analogous

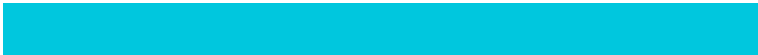
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.8180, -35.9877, 18.9686



66.8167, -39.4701, 1.6896



66.8180, -34.3662, -20.8804

Triad

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



66.8180, -39.4703, 1.6904



66.8180, 19.9049, -37.6162



66.8180, 15.9837, 29.6808

Complementary

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



66.8167, -39.4701, 1.6896



35.1108, 60.2569, 21.6468

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.



66.8180, 34.0679, 21.3747



66.8167, -39.4701, 1.6896



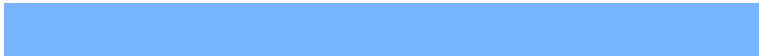
66.8180, 36.5221, -16.4940

Square

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



66.8180, -39.4703, 1.6904



66.8180, -1.5405, -47.5660



66.8180, 41.9990, 5.5269



66.8180, -5.5733, 31.8519

Rectangle

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



66.8167, -39.4701, 1.6896



66.8180, -26.3597, -35.0400



66.8180, 41.9990, 5.5269



66.8180, 22.7566, 27.6746

Sweetspot

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



66.8180, -39.4703, 1.6904



93.7042, -28.4723, 1.1888



64.3887, -54.6179, 38.7189



43.0322, -14.4008, 0.3830

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.8180, -39.4703, 1.6904



87.9070, -52.0026, 2.3825



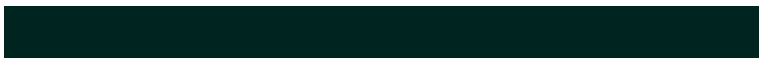
41.9611, -0.5001, -51.3651



34.7124, -4.6880, 1.3565



53.2859, -31.4331, 1.2523



11.6174, -6.7056, -0.0452

Inverse Universe

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



35.1108, 60.2569, 21.6468



46.1811, 79.2314, 28.7179



42.4506, 37.9431, 26.8207



32.6390, 1.2577, 2.3799



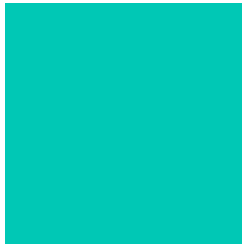
28.0065, 48.0903, 17.1019



6.1411, 10.6378, 3.0298

Previews

White Background



This preview shows how the HunterLab color 66.8167, -39.4701, 1.6896 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 66.8167, -39.4701, 1.6896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

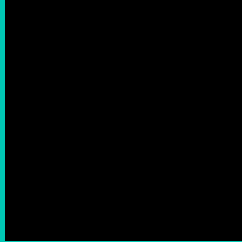
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

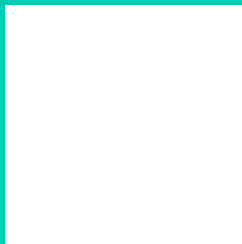
Any Text WCAG AAA ✓ Pass

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

HunterLab 66.8167, -39.4701, 1.6896 Background



This preview shows how black text looks on a background with the HunterLab color 66.8167, -39.4701, 1.6896.



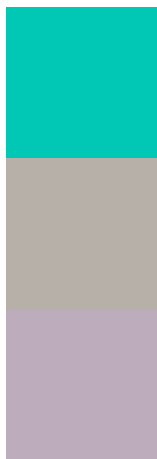
This preview shows how white text looks on a background with the HunterLab color 66.8167, -39.4701, 1.6896.

-39.4701, 1.6896.

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

66.8167, -39.4701, 1.6896

Protanopia

66.1989, -2.9095, 7.5610

Deuteranopia

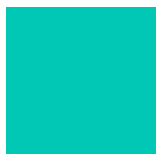
66.2659, 4.4654, -1.1536



Tritanopia

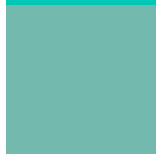
66.9784, -29.7639, -13.8030

Trichromacy



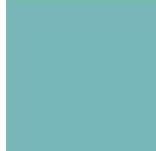
Original Color

66.8167, -39.4701, 1.6896



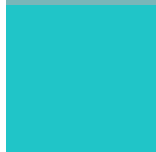
Protanomaly

64.3646, -23.6323, 2.8293



Deuteranomaly

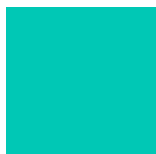
63.9936, -19.2971, -3.4306



Tritanomaly

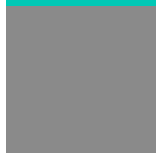
66.6406, -33.6203, -8.1412

Monochromacy



Original Color

66.8167, -39.4701, 1.6896



Achromatopsia

50.4135, -2.6899, 2.7391



Achromatomaly

54.6786, -21.9024, 0.1591

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.8167, -39.4701, 1.6896 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, 200, 181)` looks like.

```
.text, #text, p{  
    color:rgb(0, 200, 181)  
}
```

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, 200, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 200, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 66.8167, -39.4701, 1.6896 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, 200, 181) }
```


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

```
.border{ border-color:rgb(0, 200, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 200, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 200, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 200, 181);  
box-shadow:4px 4px 4px 4px rgb(0, 200,  
181) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.8167, -39.4701, 1.6896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 200, 181) }
```

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

```
.background{ background-color: rgb(0, 200,  
181) }
```

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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