

Converting Colors

HunterLab(66.9198, -46.8894,
-2.9807)

Have a look what the booklet for
HunterLab(66.9198, -46.8894,
-2.9807) contains.

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Color

**HunterLab(68.8334,
-39.7430, -0.2421)**

Conversions

Conversions Part 1

Format	Color
Hex	00CDBE
RGB	0, 205, 190
RGB Percent	0%, 80%, 75%
CMY	0.9999, 0.1961, 0.2549
CMYK	1.00, 0.00, 0.07, 0.20
HSL	176°, 100%, 40%
HSV	176°, 100%, 80%
XYZ	31.1256, 47.3804, 56.2201
YIQ	141.9950, -117.3650, -48.1250

Conversions

Conversions Part 2

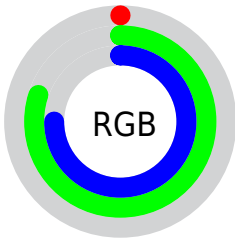
Format	Color
RYB	0, 106, 205
Decimal	52670
CIELab	74.43, -45.16, -4.53
CIELCh	74, 45.384, 185.730
Yxy	47.3822, 0.2310, 0.3517
Android (android.graphics.Color)	4278242750 (0xFF00CDBE)
YUV	141.9950, 23.6665, -124.5296
Hunter-Lab	68.8334, -39.7430, -0.2421

Details

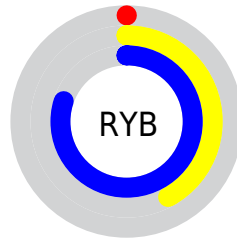
The HunterLab color **68.8334, -39.7430, -0.2421** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **36.0763, 61.8718, 22.5681**, and the grayscale version is **51.9548, -2.7722, 2.8228**.

A 20% lighter version of the original color is **90.0983, -42.3279, -2.5982**, and **48.5992, -28.4063, 0.5762** is the 20% darker color. If you saturate the color by 10%, you get **68.8344, -39.7444, -0.2402**, and if you desaturate by 10%, it is **68.9944, -39.0092, -0.7755**.

Distribution



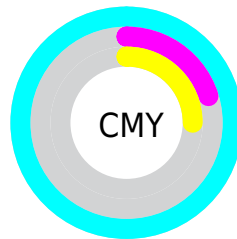
- Red (0%)
- Green (80%)
- Blue (75%)



- Red (0%)
- Yellow (42%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.8334, -39.7430, -0.2421 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 68.8334, -39.7430, -0.2421 by changing the saturation by 10% instead.

68.8334, -39.7430,
-0.2421

68.8334, -39.7430,
-0.2421

193.9943,
-64.4269, 5.0068

57.7390, -36.5920,
-0.6317

92.8891, -45.6920,
0.6720

47.3132, -33.2823,
-0.9730

105.7875,
-48.5317, 1.1889

37.6037, -29.7679,
-1.2601

119.2331,
-51.3016, 1.7428

28.6677, -25.9807,
-1.4863

133.2046,
-54.0128, 2.3317

20.5791, -21.8137,
-1.6425

147.6829,
-56.6742, 2.9539

13.4382, -17.9860,
-1.7158

162.6507,

7.0059, -12.2603,

-59.2932, 3.6080

-2.2998

178.0925,
-61.8758, 4.2927

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.8334, -39.7430,
-0.2421

■ 68.8334, -39.7430,
-0.2421

■ 68.8344, -39.7444,
-0.2402

■ 68.9944, -39.0092,
-0.7755

■ 69.2724, -37.8061,
-1.1595

■ 69.7073, -35.9888,
-1.3405

■ 70.3174, -33.4993,
-1.2934

■ 71.1160, -30.3066,

-1.0012

■ 72.1122, -26.4033,
-0.4544

■ 73.3116, -21.8016,
0.3496

■ 74.7164, -16.5305,
1.4077

■ 76.3265, -10.6318,
2.7114

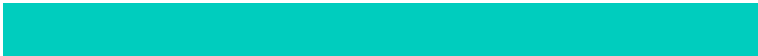
Harmonies

Analogous

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



68.8347, -37.0551, 17.8641



68.8334, -39.7430, -0.2421



68.8347, -33.7584, -22.9830

Triad

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



68.8347, -39.7432, -0.2413



68.8347, 21.8004, -35.7814



68.8347, 13.9049, 30.5646

Complementary

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



68.8334, -39.7430, -0.2421



36.0763, 61.8718, 22.5681

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.



68.8347, 32.6645, 22.7734



68.8334, -39.7430, -0.2421



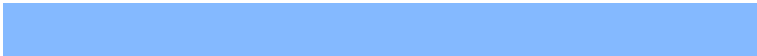
68.8347, 37.5957, -14.1866

Square

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



68.8347, -39.7432, -0.2413



68.8347, 0.4439, -47.1236



68.8347, 41.7938, 7.5098



68.8347, -7.7023, 32.2537

Rectangle

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



68.8334, -39.7430, -0.2421



68.8347, -25.1724, -36.6517



68.8347, 41.7938, 7.5098



68.8347, 20.8309, 28.7188

Sweetspot

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



68.8347, -39.7432, -0.2413



93.7597, -28.1546, 0.4000



66.1698, -56.2731, 39.7874



43.0616, -14.2318, -0.0342

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.8347, -39.7432, -0.2413



88.0884, -50.9125, -0.1973



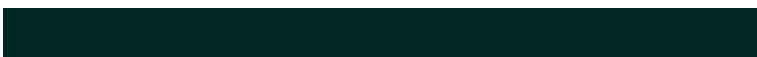
42.1252, 1.2352, -55.3159



35.6544, -4.7892, 1.3041



54.3158, -31.3245, -0.2694



12.3544, -7.0095, -0.3105

Inverse Universe

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



36.0763, 61.8718, 22.5681



46.1583, 79.1469, 29.0560



44.2111, 37.5412, 27.8984



33.5064, 1.2703, 2.5295



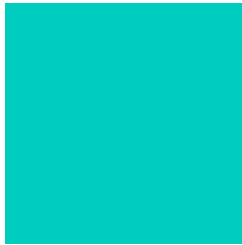
28.4726, 48.8545, 17.6668



6.5036, 11.2320, 3.4713

Previews

White Background



This preview shows how the HunterLab color 68.8334, -39.7430, -0.2421 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 68.8334, -39.7430, -0.2421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

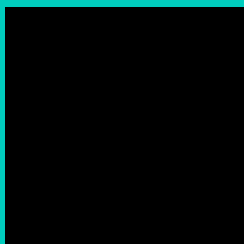
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

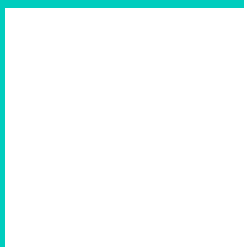
Any Text WCAG AAA ✓ Pass

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

HunterLab 68.8334, -39.7430, -0.2421 Background



This preview shows how black text looks on a background with the HunterLab color 68.8334, -39.7430, -0.2421.



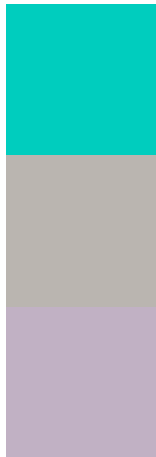
This preview shows how white text looks on a background with the HunterLab color 68.8334,

-39.7430, -0.2421.

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

68.8334, -39.7430, -0.2421

Protanopia

68.2799, -2.8685, 6.3572

Deuteranopia

68.3866, 4.7714, -3.0548



Tritanopia

68.8738, -30.6552, -14.6080

Trichromacy



Original Color

68.8334, -39.7430, -0.2421



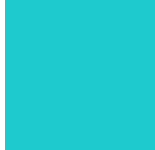
Protanomaly

66.3435, -24.0170, 1.3919



Deuteranomaly

66.0656, -19.2224, -5.4317



Tritanomaly

68.5838, -34.2691, -9.3711

Monochromacy



Original Color

68.8334, -39.7430, -0.2421



Achromatopsia

52.0094, -2.7751, 2.8258



Achromatomaly

56.2024, -22.3534, -0.3625

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.8334, -39.7430, -0.2421 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, 205, 190)` looks like.

```
.text, #text, p{  
    color:rgb(0, 205, 190)  
}
```

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, 205, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 205, 190) }
```

Border

The CSS property to change the border of an element to HunterLab 68.8334, -39.7430, -0.2421 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, 205, 190) }
```


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

```
.border{ border-color:rgb(0, 205, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 205, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 205, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 205, 190);  
box-shadow:4px 4px 4px 4px rgb(0, 205,  
190) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.8334, -39.7430, -0.2421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 205, 190) }
```

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

```
.background{ background-color: rgb(0, 205,  
190) }
```

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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