

Converting Colors

HunterLab(61.0994, -53.6856,
-1.6564)

Have a look what the booklet for
HunterLab(61.0994, -53.6856,
-1.6564) contains.

HunterLab(64.8439, -38.9928, 3.1249)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(64.8439,
-38.9928, 3.1249)**

Conversions

Conversions Part 1

Format	Color
Hex	00C3AD
RGB	0, 195, 173
RGB Percent	0%, 76%, 68%
CMY	0.9999, 0.2353, 0.3216
CMYK	1.00, 0.00, 0.11, 0.24
HSL	173°, 100%, 38%
HSV	173°, 100%, 76%
XYZ	27.0579, 42.0473, 46.2250
YIQ	134.1870, -109.1580, -48.1820

Conversions

Conversions Part 2

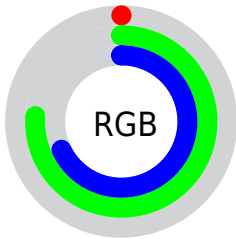
Format	Color
RYB	0, 103, 195
Decimal	50093
CIELab	70.90, -45.67, -0.48
CIELCh	71, 45.668, 180.603
Yxy	42.0489, 0.2346, 0.3646
Android (android.graphics.Color)	4278240173 (0xFF00C3AD)
YUV	134.1870, 19.1348, -117.6820
Hunter-Lab	64.8439, -38.9928, 3.1249

Details

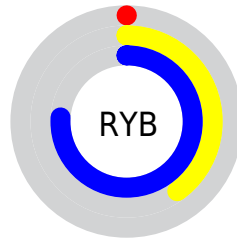
The HunterLab color **64.8439, -38.9928, 3.1249** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **34.1485, 58.6455, 20.7482**, and the grayscale version is **48.8619, -2.6071, 2.6548**.

A 20% lighter version of the original color is **88.3113, -45.0315, 4.3506**, and **44.8739, -27.4968, 3.2692** is the 20% darker color. If you saturate the color by 10%, you get **64.8449, -38.9942, 3.1269**, and if you desaturate by 10%, it is **65.0219, -38.1504, 2.3212**.

Distribution



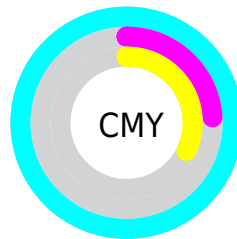
- Red (0%)
- Green (76%)
- Blue (68%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.8439, -38.9928, 3.1249 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 64.8439, -38.9928, 3.1249 by changing the saturation by 10% instead.

■ 64.8439, -38.9928,
3.1249

■ 64.8439, -38.9928,
3.1249

188.3310,
-64.0954, 9.6758

■ 53.9811, -35.7581,
2.5581

■ 88.4724, -45.0746,
4.3679

■ 43.8023, -32.3475,
2.0294

■ 101.1721,
-47.9685, 5.0388

■ 34.3585, -28.7078,
1.5427

■ 114.4272,
-50.7866, 5.7408

■ 25.7120, -24.7587,
1.1019

■ 128.2154,
-53.5413, 6.4726

■ 17.9446, -20.3713,
0.7123

■ 142.5169,
-56.2423, 7.2329

■ 11.1700, -19.0258,
0.3816

157.3137,

■ 3.1646, -5.5381,

-58.8974, 8.0209

-0.4571

172.5900,
-61.5133, 8.8355

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.8439, -38.9928,
3.1249

■ 64.8439, -38.9928,
3.1249

■ 64.8449, -38.9942,
3.1269

■ 65.0219, -38.1504,
2.3212

■ 65.3099, -36.8641,
1.6461

■ 65.7466, -34.9935,
1.1516

■ 66.3489, -32.4864,
0.8628

■ 67.1290, -29.3161,

0.7975

■ 68.0951, -25.4781,
0.9671

■ 69.2522, -20.9859,
1.3765

■ 70.6023, -15.8689,
2.0253

■ 72.1449, -10.1679,
2.9081

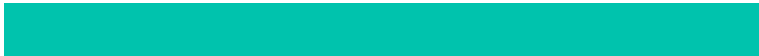
Harmonies

Analogous

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



64.8451, -34.9282, 19.6475



64.8439, -38.9928, 3.1249



64.8451, -34.5895, -19.1363

Triad

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



64.8451, -38.9930, 3.1257



64.8451, 18.3185, -38.8143



64.8451, 17.4931, 28.8064

Complementary

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



64.8439, -38.9928, 3.1249



34.1485, 58.6455, 20.7482

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.



64.8451, 34.9309, 20.1487



64.8439, -38.9928, 3.1249



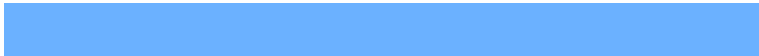
64.8451, 35.4484, -18.2100

Square

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



64.8451, -38.9930, 3.1257



64.8451, -3.0395, -47.5950



64.8451, 41.8761, 3.9312



64.8451, -3.8863, 31.3245

Rectangle

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



64.8439, -38.9928, 3.1249



64.8451, -27.0767, -33.5630



64.8451, 41.8761, 3.9312



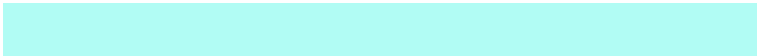
64.8451, 24.1020, 26.6890

Sweetspot

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



64.8451, -38.9930, 3.1257



92.5977, -28.3930, 1.8085



62.6188, -52.9584, 37.6575



43.0085, -14.5376, 0.7207

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.8451, -38.9930, 3.1257



86.7661, -52.2667, 4.3788



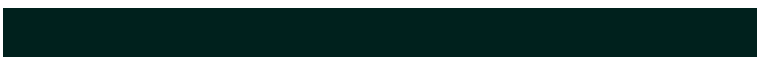
41.7574, -2.1189, -47.6164



33.7761, -4.5796, 1.3887



52.2841, -31.3912, 2.4139



10.8941, -6.3679, 0.1298

Inverse Universe

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



34.1485, 58.6455, 20.7482



45.6791, 78.4155, 28.0540



40.7474, 38.2393, 25.7765



31.7741, 1.2381, 2.2498



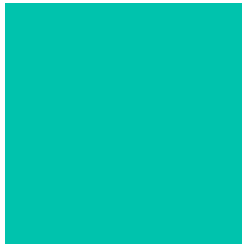
27.5406, 47.3242, 16.5550



5.7794, 10.0392, 2.6350

Previews

White Background



This preview shows how the HunterLab color 64.8439, -38.9928, 3.1249 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 64.8439, -38.9928, 3.1249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

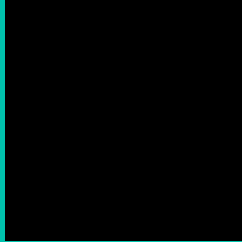
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

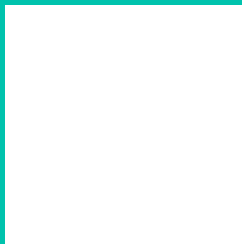
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.8439, -38.9928, 3.1249 Background



This preview shows how black text looks on a background with the HunterLab color 64.8439, -38.9928, 3.1249.



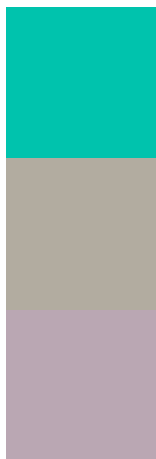
This preview shows how white text looks on a background with the HunterLab color 64.8439,

-38.9928, 3.1249.

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

64.8439, -38.9928, 3.1249

Protanopia

64.4268, -3.4256, 9.0334

Deuteranopia

64.2894, 4.6765, 0.3653



Tritanopia

64.7973, -28.2207, -13.9958

Trichromacy



Original Color

64.8439, -38.9928, 3.1249



Protanomaly

62.3457, -23.4338, 4.1543



Deuteranomaly

62.0243, -18.9558, -1.8740



Tritanomaly

64.7313, -32.8063, -7.4358

Monochromacy



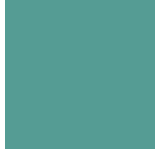
Original Color

64.8439, -38.9928, 3.1249



Achromatopsia

48.8260, -2.6052, 2.6528



Achromatomaly

52.7696, -21.3791, 0.6633

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.8439, -38.9928, 3.1249 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, 195, 173)` looks like.

```
.text, #text, p{  
    color:rgb(0, 195, 173)  
}
```

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, 195, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 195, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 64.8439, -38.9928, 3.1249 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, 195, 173) }
```


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

```
.border{ border-color:rgb(0, 195, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 195, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 195, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 195, 173);  
box-shadow:4px 4px 4px 4px rgb(0, 195,  
173) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.8439, -38.9928, 3.1249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 195, 173) }
```

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

```
.background{ background-color: rgb(0, 195,  
173) }
```

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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