

Converting Colors

HunterLab(60.1716, -54.1822,
-0.6977)

Have a look what the booklet for
HunterLab(60.1716, -54.1822,
-0.6977) contains.

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Color

**HunterLab(64.0348,
-38.9395, 4.0214)**

Conversions

Conversions Part 1

Format	Color
Hex	00C1A9
RGB	0, 193, 169
RGB Percent	0%, 76%, 66%
CMY	0.9999, 0.2431, 0.3372
CMYK	1.00, 0.00, 0.12, 0.24
HSL	173°, 100%, 38%
HSV	173°, 100%, 76%
XYZ	26.2315, 41.0046, 44.0683
YIQ	132.5570, -107.3240, -48.3800

Conversions

Conversions Part 2

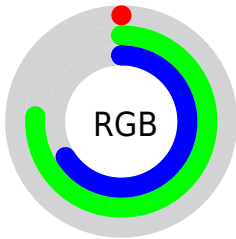
Format	Color
RYB	0, 103, 193
Decimal	49577
CIELab	70.18, -45.93, 0.65
CIELCh	70, 45.931, 179.195
Yxy	41.0061, 0.2357, 0.3684
Android (android.graphics.Color)	4278239657 (0xFF00C1A9)
YUV	132.5570, 17.9664, -116.2525
Hunter-Lab	64.0348, -38.9395, 4.0214

Details

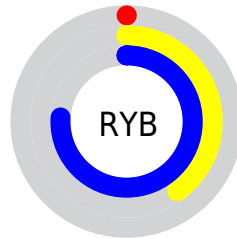
The HunterLab color **64.0348, -38.9395, 4.0214** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **33.7708, 58.0238, 20.3048**, and the grayscale version is **48.2217, -2.5730, 2.6200**.

A 20% lighter version of the original color is **87.4756, -44.9178, 5.3173**, and **44.1150, -27.4350, 4.0843** is the 20% darker color. If you saturate the color by 10%, you get **64.0357, -38.9411, 4.0236**, and if you desaturate by 10%, it is **64.2174, -38.0677, 3.1464**.

Distribution



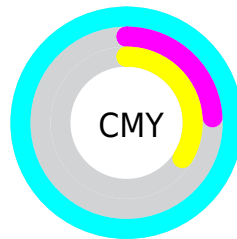
- Red (0%)
- Green (76%)
- Blue (66%)



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



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





- Cyan (100%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.0348, -38.9395, 4.0214 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 64.0348, -38.9395, 4.0214 by changing the saturation by 10% instead.


 64.0348, -38.9395,
4.0214


 64.0348, -38.9395,
4.0214


187.1754,
-64.1985, 10.9572


 53.2202, -35.6769,
3.4010


 87.5746, -45.0675,
5.3629


 43.0929, -32.2337,
2.8152


 100.2331,
-47.9810, 6.0796


 33.7045, -28.5549,
2.2668


 113.4488,
-50.8172, 6.8254

 25.1187, -24.5569,
1.7585

 127.1991,
-53.5884, 7.5992

 17.4189, -20.1054,
1.2937

 141.4640,
-56.3047, 8.4002

 10.7219, -18.7634,
0.8764

156.2255,

 1.4125, -2.4718,

-58.9743, 9.2274

0.9887

171.4676,
-61.6037, 10.0800

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.0348, -38.9395,
4.0214

■ 64.0348, -38.9395,
4.0214

■ 64.0357, -38.9411,
4.0236

■ 64.2174, -38.0677,
3.1464

■ 64.5087, -36.7565,
2.3943

■ 64.9473, -34.8662,
1.8170

■ 65.5496, -32.3459,
1.4396

■ 66.3276, -29.1700,

1.2804

■ 67.2895, -25.3344,
1.3511

■ 68.4399, -20.8535,
1.6574

■ 69.7809, -15.7565,
2.1997

■ 71.3119, -10.0843,
2.9732

Harmonies

Analogous

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



64.0360, -34.4886, 20.1746



64.0348, -38.9395, 4.0214



64.0360, -34.9402, -18.1754

Triad

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



64.0360, -38.9398, 4.0221



64.0360, 17.4468, -39.8241



64.0360, 18.5529, 28.4446

Complementary

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



64.0348, -38.9395, 4.0214



33.7708, 58.0238, 20.3048

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.



64.0360, 35.6946, 19.5075



64.0348, -38.9395, 4.0214



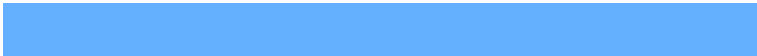
64.0360, 35.0004, -19.4194

Square

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



64.0360, -38.9398, 4.0221



64.0360, -3.9857, -47.9159



64.0360, 42.0634, 2.9445



64.0360, -2.8528, 31.1909

Rectangle

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



64.0348, -38.9395, 4.0214



64.0360, -27.6854, -32.8519



64.0360, 42.0634, 2.9445



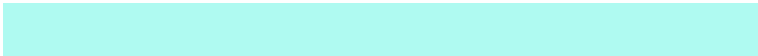
64.0360, 25.1009, 26.2437

Sweetspot

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



64.0360, -38.9398, 4.0221



91.5098, -28.2188, 2.1908



61.9337, -52.2094, 37.2484



42.0703, -14.2904, 0.9191



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



64.0360, -38.9398, 4.0221



85.6819, -52.2024, 5.5951



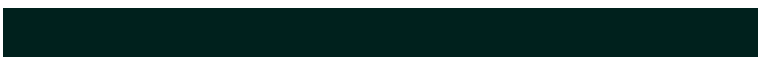
42.2261, -3.6546, -44.8871



33.7731, -4.5965, 1.4320



52.2310, -31.7111, 3.1710



10.8853, -6.4205, 0.2543

Inverse Universe

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



33.7708, 58.0238, 20.3048



45.1718, 77.5780, 27.4838



39.7713, 39.1623, 25.1911



31.7771, 1.2539, 2.2080



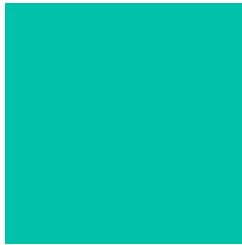
27.5521, 47.3669, 16.3844



5.7866, 10.0659, 2.5288

Previews

White Background



This preview shows how the HunterLab color 64.0348, -38.9395, 4.0214 looks on a white background.

Color Contrast Check

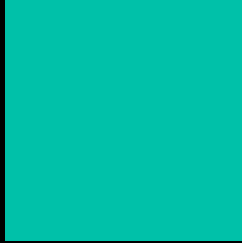
Large Text (above 18pt) WCAG AA × Fail

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 64.0348, -38.9395, 4.0214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

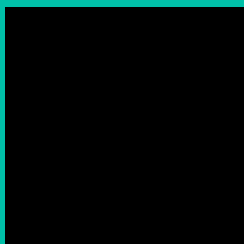
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

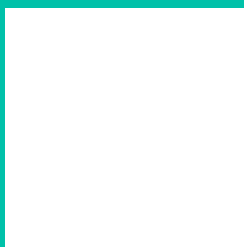
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.0348, -38.9395, 4.0214 Background



This preview shows how black text looks on a background with the HunterLab color 64.0348, -38.9395, 4.0214.



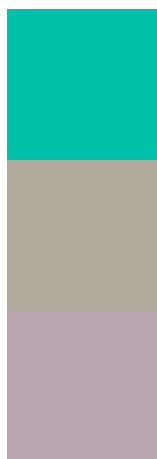
This preview shows how white text looks on a background with the HunterLab color 64.0348, -38.9395, 4.0214.

-38.9395, 4.0214.

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

64.0348, -38.9395, 4.0214

Protanopia

63.6371, -3.3544, 9.8503

Deuteranopia

63.4978, 4.6987, 1.3395



Tritanopia

64.0377, -27.9448, -13.3405

Trichromacy



Original Color

64.0348, -38.9395, 4.0214



Protanomaly

61.5830, -23.2393, 5.0776



Deuteranomaly

61.2606, -18.7903, -0.8439



Tritanomaly

63.9624, -32.5536, -6.8462

Monochromacy



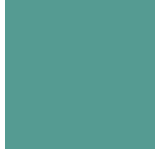
Original Color

64.0348, -38.9395, 4.0214



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 64.0348, -38.9395, 4.0214 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, 193, 169)` looks like.

```
.text, #text, p{  
    color:rgb(0, 193, 169)  
}
```

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, 193, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 193, 169) }
```

Border

The CSS property to change the border of an element to HunterLab 64.0348, -38.9395, 4.0214 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, 193, 169) }
```


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

```
.border{ border-color:rgb(0, 193, 169) }
```

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

Here you see how a box with a 4 pixel rgb(0, 193, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 193, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 193, 169);  
box-shadow:4px 4px 4px 4px rgb(0, 193,  
169) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.0348, -38.9395, 4.0214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 193, 169) }
```

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

```
.background{ background-color: rgb(0, 193,  
169) }
```

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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