

Converting Colors

HunterLab(68.0912, -38.1966,
5.5209)

Have a look what the booklet for
HunterLab(68.0912, -38.1966,
5.5209) contains.

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Color

**HunterLab(68.0939,
-38.2122, 5.5264)**

Conversions

Conversions Part 1

Format	Color
Hex	3DCAB0
RGB	61, 202, 176
RGB Percent	24%, 79%, 69%
CMY	0.7608, 0.2078, 0.3098
CMYK	0.70, 0.00, 0.13, 0.21
HSL	169°, 57%, 52%
HSV	169°, 70%, 79%
XYZ	30.8815, 46.3678, 48.3965
YIQ	156.8770, -75.6900, -37.9780

Conversions

Conversions Part 2

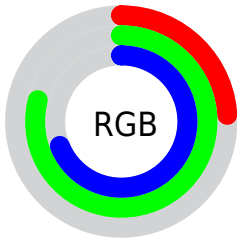
Format	Color
RYB	61, 139, 202
Decimal	4049584
CIELab	73.78, -43.26, 2.17
CIELCh	74, 43.318, 177.132
Yxy	46.3696, 0.2458, 0.3690
Android (android.graphics.Color)	4282239664 (0xFF3DCAB0)
YUV	156.8770, 9.4276, -84.0841
Hunter-Lab	68.0939, -38.2122, 5.5264

Details

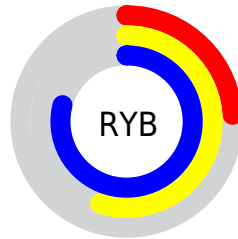
The HunterLab color **68.0939, -38.2122, 5.5264** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **40.7228, 50.3617, 12.8443**, and the grayscale version is **58.0023, -3.0949, 3.1514**.

A 20% lighter version of the original color is **90.4755, -41.7769, 4.9899**, and **47.2469, -29.5184, 4.6672** is the 20% darker color. If you saturate the color by 10%, you get **67.6012, -40.4052, 6.5948**, and if you desaturate by 10%, it is **68.7643, -35.3429, 4.6485**.

Distribution



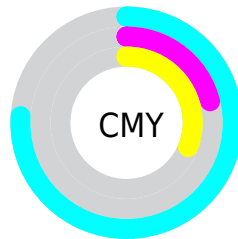
- Red (24%)
- Green (79%)
- Blue (69%)



- Red (24%)
- Yellow (55%)
- Blue (79%)



- Cyan (70%)
- Magenta (0%)
- Yellow (13%)
- Black (21%)



- Cyan (76%)
- Magenta (21%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.0939, -38.2122, 5.5264 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 68.0939, -38.2122, 5.5264 by changing the saturation by 10% instead.

■ 68.0939, -38.2122,
5.5264

■ 68.0939, -38.2122,
5.5264

192.9488,
-62.1290, 13.0971

■ 57.0417, -35.1687,
4.8181

■ 92.0716, -43.9642,
7.0300

■ 46.6609, -31.9734,
4.1385

■ 104.9337,
-46.7123, 7.8221

■ 36.9997, -28.5819,
3.4891

■ 118.3446,
-49.3947, 8.6402

■ 28.1162, -24.9274,
2.8709

■ 132.2825,
-52.0220, 9.4836

■ 20.0857, -20.9048,
2.2839

■ 146.7284,
-54.6027, 10.3516

■ 13.0108, -17.3589,
1.7274

161.6649,

■ 6.4730, -11.3277,

-57.1437, 11.2436

1.7402

177.0765,
-59.6509, 12.1589

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.0939, -38.2122,
5.5264

■ 68.0939, -38.2122,
5.5264

■ 67.6012, -40.4052,
6.5948

■ 68.7643, -35.3429,
4.6485

■ 67.2648, -41.9727,
7.8220

■ 69.6209, -31.7717,
3.9814

■ 67.0489, -43.0536,
9.1569


■ 70.6732, -27.4979,
3.5423


■ 67.0449, -43.0738,
9.1837


■ 71.9262, -22.5399,
3.3415


■ 73.3813, -16.9321,

3.3835

 75.0377, -10.7208,
3.6676

 76.8923, -3.9600,
4.1883

 78.9400, 3.2917,
4.9369

 81.1746, 10.9747,
5.9015

Harmonies

Analogous

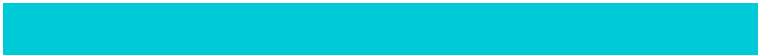
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.0952, -33.2539, 20.8468



68.0939, -38.2122, 5.5264



68.0952, -34.8372, -15.3624

Triad

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



68.0952, -38.2126, 5.5272



68.0952, 14.9734, -37.9941



68.0952, 18.7214, 27.9886

Complementary

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



68.0939, -38.2122, 5.5264



40.7228, 50.3617, 12.8443

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.



68.0952, 34.4415, 18.4801



68.0939, -38.2122, 5.5264



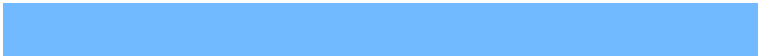
68.0952, 32.1066, -19.5166

Square

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



68.0952, -38.2126, 5.5272



68.0952, -5.5671, -44.4115



68.0952, 39.6014, 1.8343



68.0952, -1.6853, 31.2230

Rectangle

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



68.0939, -38.2122, 5.5264



68.0952, -28.0703, -29.2678



68.0952, 39.6014, 1.8343



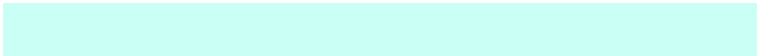
68.0952, 24.8157, 25.5863

Sweetspot

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



68.0952, -38.2126, 5.5272



95.1841, -23.1688, 4.3744



66.8683, -47.3384, 36.4598



43.7841, -11.6864, 2.0081

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.0952, -38.2126, 5.5272



87.7036, -53.7608, 9.4123



55.0417, -14.9060, -26.5366



35.6233, -4.9621, 1.7472



53.7923, -34.4833, 7.2038



12.2566, -7.5983, 1.0828

Inverse Universe

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



40.7228, 50.3617, 12.8443



48.3898, 75.7257, 21.7726



47.5977, 29.5140, 24.3456



33.5364, 1.4320, 2.1006



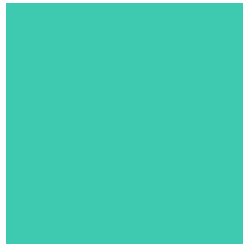
28.5949, 49.3076, 15.8570



6.5749, 11.4949, 2.4261

Previews

White Background



This preview shows how the HunterLab color 68.0939, -38.2122, 5.5264 looks on a white background.

Color Contrast Check

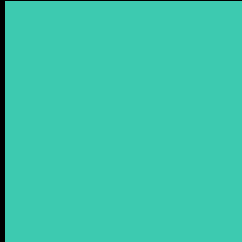
Large Text (above 18pt) WCAG AA × Fail

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 68.0939, -38.2122, 5.5264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

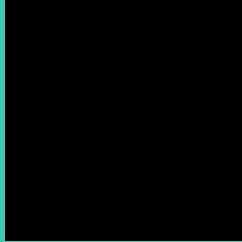
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

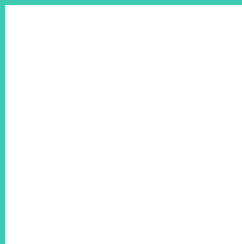
Any Text WCAG AAA ✓ Pass

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

HunterLab 68.0939, -38.2122, 5.5264 Background



This preview shows how black text looks on a background with the HunterLab color 68.0939, -38.2122, 5.5264.



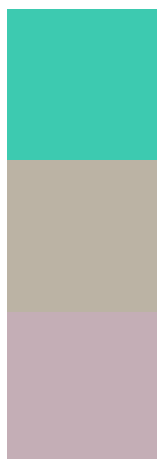
This preview shows how white text looks on a background with the HunterLab color 68.0939, -38.2122, 5.5264.

-38.2122, 5.5264.

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

68.0939, -38.2122, 5.5264

Protanopia

67.4428, -3.3851, 10.6224

Deuteranopia

67.3686, 4.8995, 2.6490



Tritanopia

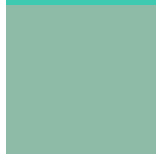
68.1167, -26.9601, -13.2923

Trichromacy



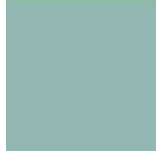
Original Color

68.0939, -38.2122, 5.5264



Protanomaly

66.3555, -19.7570, 7.4409



Deuteranomaly

66.1659, -14.8635, 1.8182



Tritanomaly

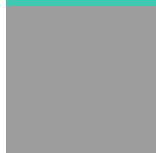
68.1137, -31.3525, -6.1424

Monochromacy



Original Color

68.0939, -38.2122, 5.5264



Achromatopsia

58.0658, -3.0982, 3.1548



Achromatomaly

60.5847, -18.6055, 2.6349

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.0939, -38.2122, 5.5264 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(61, 202, 176)` looks like.

```
.text, #text, p{  
  color:rgb(61, 202, 176)  
}
```

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(61, 202, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 202, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 68.0939, -38.2122, 5.5264 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(61, 202, 176) }
```


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

```
.border{ border-color:rgb(61, 202, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 202, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 202, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 202, 176);  
box-shadow:4px 4px 4px 4px rgb(61, 202,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.0939, -38.2122, 5.5264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 202, 176) }
```

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

```
.background{ background-color: rgb(61, 202,  
176) }
```

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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