

Converting Colors

HunterLab(68.0513, -41.9769,
5.5792)

Have a look what the booklet for
HunterLab(68.0513, -41.9769,
5.5792) contains.

HunterLab(68.0590, -41.9183, 5.4217)	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(68.0590,
-41.9183, 5.4217)**

Conversions

Conversions Part 1

Format	Color
Hex	00CCB0
RGB	0, 204, 176
RGB Percent	0%, 80%, 69%
CMY	0.9999, 0.2000, 0.3098
CMYK	1.00, 0.00, 0.14, 0.20
HSL	172°, 100%, 40%
HSV	172°, 100%, 80%
XYZ	29.4293, 46.3203, 48.4639
YIQ	139.8120, -112.5960, -51.9560

Conversions

Conversions Part 2

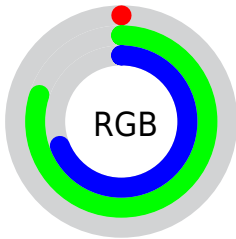
Format	Color
RYB	0, 110, 204
Decimal	52400
CIELab	73.75, -48.61, 2.04
CIELCh	74, 48.649, 177.593
Yxy	46.3220, 0.2369, 0.3729
Android (android.graphics.Color)	4278242480 (0xFF00CCB0)
YUV	139.8120, 17.8407, -122.6151
Hunter-Lab	68.0590, -41.9183, 5.4217

Details

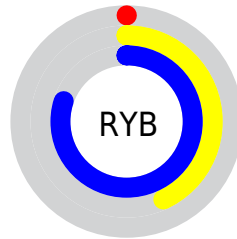
The HunterLab color **68.0590, -41.9183, 5.4217** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **35.9479, 61.7905, 21.4172**, and the grayscale version is **51.1034, -2.7267, 2.7765**.

A 20% lighter version of the original color is **89.6043, -45.1817, 3.9069**, and **47.9063, -30.2352, 5.3903** is the 20% darker color. If you saturate the color by 10%, you get **68.0600, -41.9200, 5.4241**, and if you desaturate by 10%, it is **68.2548, -40.9699, 4.3858**.

Distribution



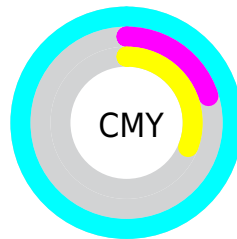
- Red (0%)
- Green (80%)
- Blue (69%)



- Red (0%)
- Yellow (43%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (20%)





- Cyan (100%)
- Magenta (20%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 68.0590, -41.9183, 5.4217 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 68.0590, -41.9183, 5.4217 by changing the saturation by 10% instead.


 68.0590, -41.9183,
5.4217

 68.0590, -41.9183,
5.4217


192.8994,
-68.1122, 12.9472


 57.0088, -38.5439,
4.7197


 92.0330, -48.2680,
6.9137


 46.6302, -34.9904,
4.0468


 104.8934,
-51.2899, 7.7004


 36.9712, -31.2063,
3.4047


 118.3026,
-54.2322, 8.5133

 28.0902, -27.1151,
2.7944

 132.2390,
-57.1075, 9.3518

 20.0625, -22.5975,
2.2163

 146.6833,
-59.9256, 10.2150

 12.9907, -19.1517,
1.6699

161.6184,

 6.4467, -11.2816,

-62.6948, 11.1024

1.6649

177.0285,
-65.4218, 12.0133

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.0590, -41.9183,
5.4217

■ 68.0590, -41.9183,
5.4217

■ 68.0600, -41.9200,
5.4241

■ 68.2548, -40.9699,
4.3858

■ 68.5683, -39.5443,
3.4776

■ 69.0394, -37.4978,
2.7510

■ 69.6859, -34.7751,
2.2338

■ 70.5208, -31.3486,

1.9466

■ 71.5528, -27.2144,
1.9030

■ 72.7871, -22.3881,
2.1102

■ 74.2257, -16.9018,
2.5694

■ 75.8678, -10.7999,
3.2767

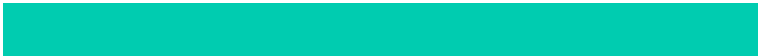
Harmonies

Analogous

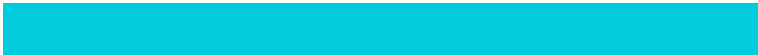
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.0603, -36.6457, 22.3814



68.0590, -41.9183, 5.4217



68.0603, -38.0989, -18.4192

Triad

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



68.0603, -41.9186, 5.4225



68.0603, 17.7394, -44.2032



68.0603, 21.3195, 30.2255

Complementary

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



68.0590, -41.9183, 5.4217



35.9479, 61.7905, 21.4172

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.



68.0603, 39.4338, 20.2390



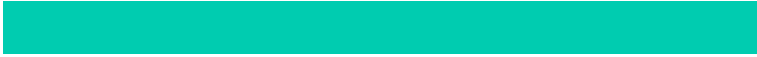
68.0590, -41.9183, 5.4217



68.0603, 37.1841, -22.4555

Square

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



68.0603, -41.9186, 5.4225



68.0603, -5.4553, -52.0627



68.0603, 45.5844, 1.9410



68.0603, -1.7957, 33.4639

Rectangle

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



68.0590, -41.9183, 5.4217



68.0603, -30.5917, -34.5438



68.0603, 45.5844, 1.9410



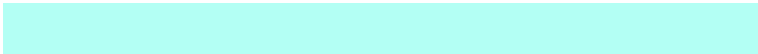
68.0603, 28.3041, 27.7488

Sweetspot

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



68.0603, -41.9186, 5.4225



93.5982, -29.0802, 2.6983



65.9339, -55.4249, 39.6570



42.9762, -14.7236, 1.1799

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.0603, -41.9186, 5.4225



87.5711, -54.0282, 7.1751



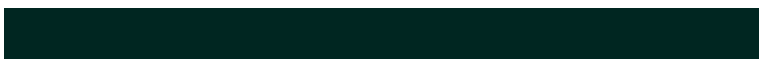
45.8578, -5.3812, -45.6991



35.6364, -4.8891, 1.5601



54.0043, -33.1997, 4.1679



12.2966, -7.3566, 0.5111

Inverse Universe

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



35.9479, 61.7905, 21.4172



46.2400, 79.4500, 27.8442



41.7112, 43.3333, 26.4595



33.5236, 1.3632, 2.2831



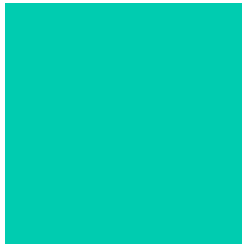
28.5322, 49.0757, 16.7828



6.5448, 11.3840, 2.8662

Previews

White Background



This preview shows how the HunterLab color 68.0590, -41.9183, 5.4217 looks on a white background.

Color Contrast Check

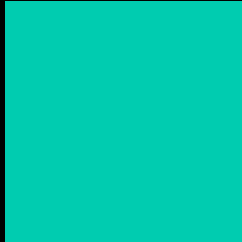
Large Text (above 18pt) WCAG AA × Fail

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 68.0590, -41.9183, 5.4217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

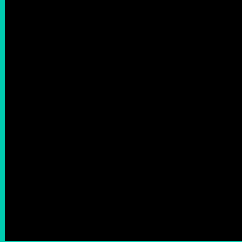
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

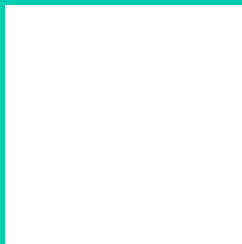
Any Text WCAG AAA ✓ Pass

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

HunterLab 68.0590, -41.9183, 5.4217 Background



This preview shows how black text looks on a background with the HunterLab color 68.0590, -41.9183, 5.4217.



This preview shows how white text looks on a background with the HunterLab color 68.0590, -41.9183, 5.4217.

-41.9183, 5.4217.

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

68.0590, -41.9183, 5.4217

Protanopia

67.4161, -3.5313, 11.0060

Deuteranopia

67.3994, 5.0643, 2.2103



Tritanopia

68.2597, -29.7072, -14.3007

Trichromacy



Original Color

68.0590, -41.9183, 5.4217



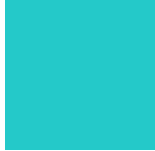
Protanomaly

65.3571, -25.1788, 6.2251



Deuteranomaly

65.0793, -20.5110, 0.4037



Tritanomaly

68.0921, -34.8638, -6.7675

Monochromacy



Original Color

68.0590, -41.9183, 5.4217



Achromatopsia

51.2104, -2.7325, 2.7824



Achromatomaly

55.3337, -22.7457, 1.4064

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.0590, -41.9183, 5.4217 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, 204, 176)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 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(0, 204, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 68.0590, -41.9183, 5.4217 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, 204, 176) }
```


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

```
.border{ border-color:rgb(0, 204, 176) }
```

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

Here you see how a box with a 4 pixel rgb(0, 204, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 176);  
box-shadow:4px 4px 4px 4px rgb(0, 204,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.0590, -41.9183, 5.4217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 204, 176) }
```

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

```
.background{ background-color: rgb(0, 204,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor