

Converting Colors

HunterLab(70.4578, -43.8555,
4.9037)

Have a look what the booklet for
HunterLab(70.4578, -43.8555,
4.9037) contains.

HunterLab(70.7159, -43.3791, 5.2542)	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(70.7159,
-43.3791, 5.2542)**

Conversions

Conversions Part 1

Format	Color
Hex	00D3B7
RGB	0, 211, 183
RGB Percent	0%, 83%, 72%
CMY	0.9999, 0.1725, 0.2823
CMYK	1.00, 0.00, 0.13, 0.17
HSL	172°, 100%, 41%
HSV	172°, 100%, 83%
XYZ	31.8415, 50.0074, 52.7738
YIQ	144.7190, -116.7680, -53.4400

Conversions

Conversions Part 2

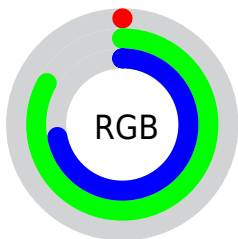
Format	Color
RYB	0, 113, 211
Decimal	54199
CIELab	76.07, -49.61, 1.65
CIELCh	76, 49.637, 178.099
Yxy	50.0093, 0.2365, 0.3715
Android (android.graphics.Color)	4278244279 (0xFF00D3B7)
YUV	144.7190, 18.8725, -126.9186
Hunter-Lab	70.7159, -43.3791, 5.2542

Details

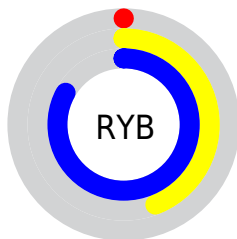
The HunterLab color **70.7159, -43.3791, 5.2542** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **37.3284, 64.1460, 22.3761**, and the grayscale version is **53.0641, -2.8314, 2.8831**.

A 20% lighter version of the original color is **89.8978, -43.5791, 0.7738**, and **50.0544, -31.4265, 5.2773** is the 20% darker color. If you saturate the color by 10%, you get **70.7170, -43.3808, 5.2567**, and if you desaturate by 10%, it is **70.9139, -42.4205, 4.2065**.

Distribution



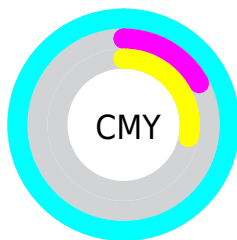
- Red (0%)
- Green (83%)
- Blue (72%)



- Red (0%)
- Yellow (44%)
- Blue (83%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (17%)





- Cyan (100%)
- Magenta (17%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 70.7159, -43.3791, 5.2542 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 70.7159, -43.3791, 5.2542 by changing the saturation by 10% instead.


 70.7159, -43.3791,
5.2542


 70.7159, -43.3791,
5.2542


196.6475,
-69.8568, 12.6909


 59.5154, -39.9790,
4.5650


 94.9677, -49.7878,
6.7231


 48.9767, -36.4044,
3.9060


 107.9575,
-52.8410, 7.4991


 39.1460, -32.6068,
3.2792


 121.4909,
-55.8154, 8.3019

 30.0785, -28.5152,
2.6860

 135.5468,
-58.7231, 9.1307

 21.8448, -24.0199,
2.1276

 150.1065,
-61.5737, 9.9846

 14.5399, -19.5472,
1.6051

165.1532,

 8.2008, -14.3515,

-64.3753, 10.8631

1.2785

180.6715,
-67.1345, 11.7654

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.7159, -43.3791,
5.2542

■ 70.7159, -43.3791,
5.2542

■ 70.7170, -43.3808,
5.2567

■ 70.9139, -42.4205,
4.2065

■ 71.2350, -40.9633,
3.2943

■ 71.7198, -38.8606,
2.5727

■ 72.3874, -36.0540,
2.0709

■ 73.2512, -32.5140,

1.8100

■ 74.3204, -28.2359,
1.8042

■ 75.6006, -23.2357,
2.0606

■ 77.0938, -17.5465,
2.5803

■ 78.7994, -11.2146,
3.3588

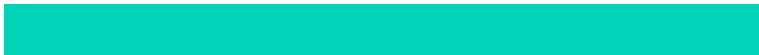
Harmonies

Analogous

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



70.7173, -38.0804, 22.9460



70.7159, -43.3791, 5.2542



70.7173, -39.2678, -19.4367

Triad

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



70.7173, -43.3794, 5.2550



70.7173, 18.6994, -45.3037



70.7173, 21.6189, 31.4081

Complementary

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



70.7159, -43.3791, 5.2542



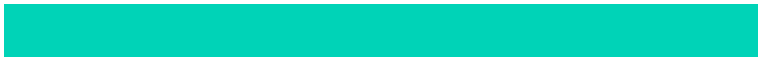
37.3284, 64.1460, 22.3761

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.



70.7173, 40.4760, 21.1945



70.7159, -43.3791, 5.2542



70.7173, 38.6421, -22.7257

Square

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



70.7173, -43.3794, 5.2550



70.7173, -5.2640, -53.7185



70.7173, 47.0733, 2.4142



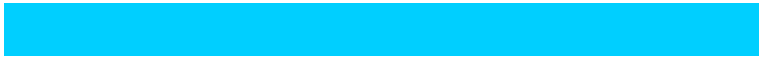
70.7173, -2.2778, 34.6673

Rectangle

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



70.7159, -43.3791, 5.2542



70.7173, -31.3999, -36.0173



70.7173, 47.0733, 2.4142



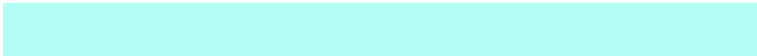
70.7173, 28.8681, 28.8805

Sweetspot

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



70.7173, -43.3794, 5.2550



93.6095, -29.0152, 2.5368



68.4393, -57.7506, 41.1601



42.9822, -14.6891, 1.0947

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.7173, -43.3794, 5.2550



87.6063, -53.8153, 6.6715



46.5366, -3.8230, -49.9112



36.5773, -5.0196, 1.5816



54.9457, -33.6396, 3.9410



13.0220, -7.7766, 0.5110

Inverse Universe

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



37.3284, 64.1460, 22.3761



46.2327, 79.4228, 27.9529



43.8313, 43.6203, 27.7710



34.3997, 1.4027, 2.3626



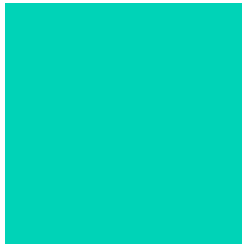
29.0121, 49.8884, 17.1641



6.9223, 12.0261, 3.1441

Previews

White Background



This preview shows how the HunterLab color 70.7159, -43.3791, 5.2542 looks on a white background.

Color Contrast Check

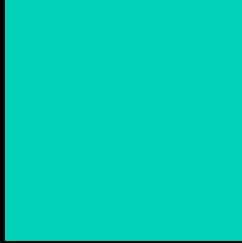
Large Text (above 18pt) WCAG AA × Fail

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 70.7159, -43.3791, 5.2542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

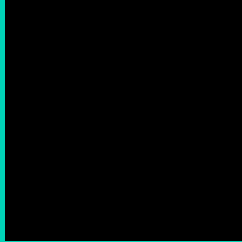
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

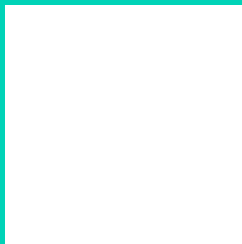
Any Text WCAG AAA ✓ Pass

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

HunterLab 70.7159, -43.3791, 5.2542 Background



This preview shows how black text looks on a background with the HunterLab color 70.7159, -43.3791, 5.2542.



This preview shows how white text looks on a background with the HunterLab color 70.7159,

-43.3791, 5.2542.

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

70.7159, -43.3791, 5.2542

Protanopia

69.9285, -3.6717, 11.1997

Deuteranopia

69.9405, 5.1427, 1.8902



Tritanopia

70.5737, -30.6708, -15.1078

Trichromacy



Original Color

70.7159, -43.3791, 5.2542



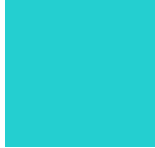
Protanomaly

67.7130, -25.9694, 6.2066



Deuteranomaly

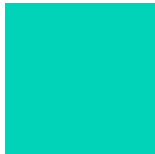
67.4660, -21.0879, -0.1132



Tritanomaly

70.3952, -35.8992, -7.5119

Monochromacy



Original Color

70.7159, -43.3791, 5.2542



Achromatopsia

53.2117, -2.8392, 2.8911



Achromatomaly

57.5799, -23.6990, 1.2905

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.7159, -43.3791, 5.2542 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, 211, 183)` looks like.

```
.text, #text, p{  
    color:rgb(0, 211, 183)  
}
```

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, 211, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 211, 183) }
```

Border

The CSS property to change the border of an element to HunterLab 70.7159, -43.3791, 5.2542 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, 211, 183) }
```


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

```
.border{ border-color:rgb(0, 211, 183) }
```

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

Here you see how a box with a 4 pixel rgb(0, 211, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 211, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 211, 183);  
box-shadow:4px 4px 4px 4px rgb(0, 211,  
183) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.7159, -43.3791, 5.2542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 211, 183) }
```

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

```
.background{ background-color: rgb(0, 211,  
183) }
```

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