

Converting Colors

HunterLab(74.3418, -50.6140,
10.6665)

Have a look what the booklet for
HunterLab(74.3418, -50.6140,
10.6665) contains.

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Color

**HunterLab(74.8803,
-48.4992, 11.1021)**

Conversions

Conversions Part 1

Format	Color
Hex	00DFB4
RGB	0, 223, 180
RGB Percent	0%, 87%, 71%
CMY	0.9999, 0.1255, 0.2941
CMYK	1.00, 0.00, 0.19, 0.13
HSL	168°, 100%, 44%
HSV	168°, 100%, 87%
XYZ	34.6259, 56.0706, 52.1777
YIQ	151.4210, -119.1050, -60.6490

Conversions

Conversions Part 2

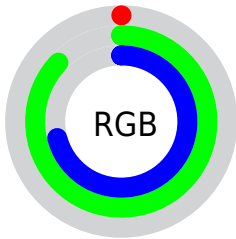
Format	Color
RYB	0, 123, 223
Decimal	57268
CIELab	79.66, -55.20, 8.41
CIELCh	80, 55.838, 171.335
Yxy	56.0728, 0.2424, 0.3924
Android (android.graphics.Color)	4278247348 (0xFF00DFB4)
YUV	151.4210, 14.0894, -132.7962
Hunter-Lab	74.8803, -48.4992, 11.1021

Details

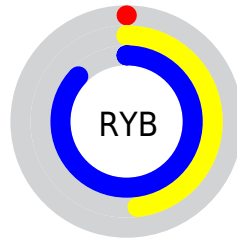
The HunterLab color **74.8803, -48.4992, 11.1021** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **39.8297, 68.6429, 22.3368**, and the grayscale version is **55.7850, -2.9765, 3.0309**.

A 20% lighter version of the original color is **89.8689, -43.8876, 2.2537**, and **54.0090, -36.1842, 10.6047** is the 20% darker color. If you saturate the color by 10%, you get **74.8814, -48.5014, 11.1055**, and if you desaturate by 10%, it is **75.1166, -47.3080, 9.5339**.

Distribution



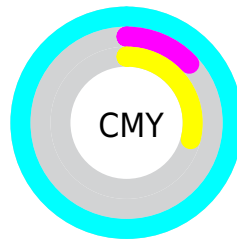
- Red (0%)
- Green (87%)
- Blue (71%)



- Red (0%)
- Yellow (48%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (13%)





- Cyan (100%)
- Magenta (13%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 74.8803, -48.4992, 11.1021 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 74.8803, -48.4992, 11.1021 by changing the saturation by 10% instead.


 74.8803, -48.4992,
11.1021


 74.8803, -48.4992,
11.1021


202.4761,
-77.1118, 21.0591


 63.4518, -44.8154,
10.0631


 99.5545, -55.4420,
13.2152


 52.6710, -40.9449,
9.0309


 112.7415,
-58.7472, 14.2907


 42.5811, -36.8390,
8.0025


 126.4642,
-61.9647, 15.3805

 33.2332, -32.4279,
6.9716

 140.7026,
-65.1073, 16.4852

 24.6916, -27.6073,
5.9281

 155.4385,
-68.1853, 17.6051

 17.0411, -22.2735,
4.8543

170.6557,

 10.4010, -18.2018,

-71.2075, 18.7406

3.9992

186.3394,
-74.1810, 19.8919

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.8803, -48.4992,
11.1021

■ 74.8803, -48.4992,
11.1021

■ 74.8814, -48.5014,
11.1055

■ 75.1166, -47.3080,
9.5339

■ 75.4876, -45.5646,
8.0808

■ 76.0357, -43.1171,
6.8008

■ 76.7812, -39.9041,
5.7284

■ 77.7384, -35.8965,

4.8904

■ 78.9171, -31.0924,
4.3064

■ 80.3228, -25.5124,
3.9890

■ 81.9574, -19.1954,
3.9444

■ 83.8200, -12.1941,
4.1726

Harmonies

Analogous

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



74.8817, -40.1902, 28.7214



74.8803, -48.4992, 11.1021



74.8817, -46.2684, -16.0782

Triad

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



74.8817, -48.4996, 11.1029



74.8817, 15.7195, -57.6002



74.8817, 31.0543, 33.1724

Complementary

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



74.8803, -48.4992, 11.1021



39.8297, 68.6429, 22.3368

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.



74.8817, 50.3995, 19.8295



74.8803, -48.4992, 11.1021



74.8817, 40.7146, -33.5475

Square

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



74.8817, -48.4996, 11.1029



74.8817, -11.6187, -62.5239



74.8817, 54.1638, -3.7056



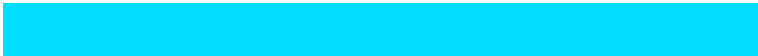
74.8817, 3.9370, 38.1823

Rectangle

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



74.8803, -48.4992, 11.1021



74.8817, -38.9487, -36.1449



74.8817, 54.1638, -3.7056



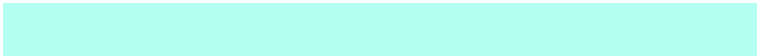
74.8817, 38.8320, 29.7940

Sweetspot

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



74.8817, -48.4996, 11.1029



93.4613, -29.8659, 4.6488



73.0252, -60.6847, 43.9345



42.9041, -15.1397, 2.2070

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



74.8817, -48.4996, 11.1029



87.1593, -56.5224, 13.0741



53.9844, -11.0570, -43.6044



39.4013, -5.5404, 1.9683



57.4322, -37.1052, 8.3144



15.1594, -9.5330, 1.6311

Inverse Universe

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



39.8297, 68.6429, 22.3368



46.3501, 79.8576, 26.2163



44.3782, 52.8017, 28.2686



37.0723, 1.6404, 2.2896



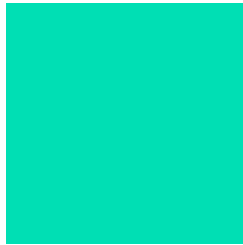
30.5604, 52.7123, 16.8276



8.1231, 14.1632, 3.2949

Previews

White Background



This preview shows how the HunterLab color 74.8803, -48.4992, 11.1021 looks on a white background.

Color Contrast Check

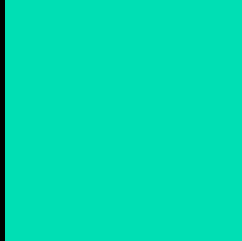
Large Text (above 18pt) WCAG AA × Fail

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 74.8803, -48.4992, 11.1021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

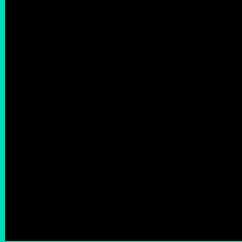
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

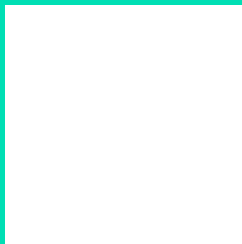
Any Text WCAG AAA ✓ Pass

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

HunterLab 74.8803, -48.4992, 11.1021 Background



This preview shows how black text looks on a background with the HunterLab color 74.8803, -48.4992, 11.1021.



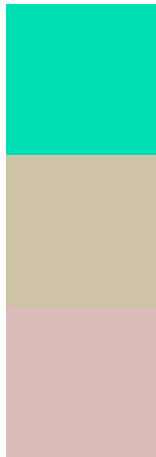
This preview shows how white text looks on a background with the HunterLab color 74.8803,

-48.4992, 11.1021.

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

74.8803, -48.4992, 11.1021

Protanopia

74.0980, -4.7625, 16.7087

Deuteranopia

74.0868, 5.4655, 8.1236



Tritanopia

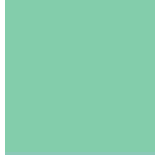
74.9588, -32.1665, -15.3502

Trichromacy



Original Color

74.8803, -48.4992, 11.1021



Protanomaly

71.7135, -29.5645, 11.8184



Deuteranomaly

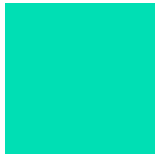
71.2200, -23.9166, 5.7155



Tritanomaly

74.8543, -39.2692, -4.9529

Monochromacy



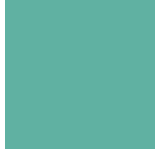
Original Color

74.8803, -48.4992, 11.1021



Achromatopsia

55.6299, -2.9683, 3.0225



Achromatomaly

60.4481, -25.8550, 3.2677

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 74.8803, -48.4992, 11.1021 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, 223, 180)` looks like.

```
.text, #text, p{  
    color:rgb(0, 223, 180)  
}
```

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, 223, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 223, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 74.8803, -48.4992, 11.1021 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, 223, 180) }
```


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

```
.border{ border-color:rgb(0, 223, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 223, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 223, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 223, 180);  
box-shadow:4px 4px 4px 4px rgb(0, 223,  
180) }
```

Background

The CSS property to change the background color of an element to HunterLab 74.8803, -48.4992, 11.1021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 223, 180) }
```

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

```
.background{ background-color: rgb(0, 223,  
180) }
```

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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