

Converting Colors

HunterLab(75.9318, -50.5323,
10.7494)

Have a look what the booklet for
HunterLab(75.9318, -50.5323,
10.7494) contains.

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Color

**HunterLab(76.3918,
-49.5285, 11.4347)**

Conversions

Conversions Part 1

Format	Color
Hex	00E3B7
RGB	0, 227, 183
RGB Percent	0%, 89%, 72%
CMY	0.9999, 0.1098, 0.2823
CMYK	1.00, 0.00, 0.19, 0.11
HSL	168°, 100%, 45%
HSV	168°, 100%, 89%
XYZ	36.0163, 58.3571, 54.1656
YIQ	154.1110, -121.1680, -61.8080

Conversions

Conversions Part 2

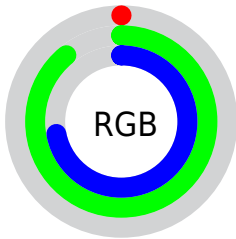
Format	Color
RYB	0, 126, 227
Decimal	58295
CIELab	80.94, -56.01, 8.66
CIELCh	81, 56.679, 171.209
Yxy	58.3593, 0.2425, 0.3929
Android (android.graphics.Color)	4278248375 (0xFF00E3B7)
YUV	154.1110, 14.2423, -135.1553
Hunter-Lab	76.3918, -49.5285, 11.4347

Details

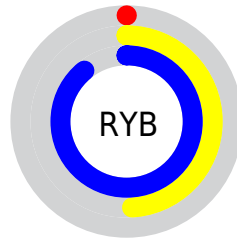
The HunterLab color **76.3918, -49.5285, 11.4347** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **40.6379, 70.0369, 22.7850**, and the grayscale version is **56.8754, -3.0347, 3.0901**.

A 20% lighter version of the original color is **90.0018, -43.1728, 0.9072**, and **55.1010, -36.8068, 10.5839** is the 20% darker color. If you saturate the color by 10%, you get **76.3929, -49.5307, 11.4380**, and if you desaturate by 10%, it is **76.6318, -48.3162, 9.8246**.

Distribution



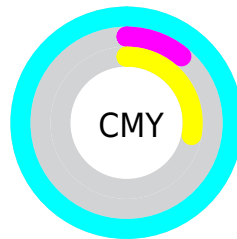
- Red (0%)
- Green (89%)
- Blue (72%)



- Red (0%)
- Yellow (49%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (11%)





- Cyan (100%)
- Magenta (11%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.3918, -49.5285, 11.4347 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 76.3918, -49.5285, 11.4347 by changing the saturation by 10% instead.


 76.3918, -49.5285,
11.4347


 76.3918, -49.5285,
11.4347


204.5785,
-78.3950, 21.5001


 64.8827, -45.8169,
10.3817


 101.2156,
-56.5287, 13.5744


 54.0164, -41.9200,
9.3350


 114.4725,
-59.8629, 14.6627


 43.8353, -37.7905,
8.2915


 128.2625,
-63.1091, 15.7648

 34.3889, -33.3607,
7.2451

 142.5656,
-66.2801, 16.8814

 25.7396, -28.5303,
6.1859

 157.3642,
-69.3864, 18.0130

 17.9691, -23.1433,
5.0967

172.6420,

 11.1909, -19.5841,

-72.4363, 19.1599

4.0566

188.3845,
-75.4372, 20.3222

■ 3.2227, -5.6398,
2.2559

0.0000, NaN, NaN

■ 76.3918, -49.5285,
11.4347

■ 76.3918, -49.5285,
11.4347

■ 76.3929, -49.5307,
11.4380

■ 76.6318, -48.3162,
9.8246

■ 77.0098, -46.5384,
8.3317

■ 77.5686, -44.0411,
7.0149

■ 78.3291, -40.7613,
5.9095

■ 79.3062, -36.6690,
5.0431

■ 80.5096, -31.7621,
4.4359

■ 81.9451, -26.0617,
4.1009

■ 83.6147, -19.6077,
4.0446

■ 85.5173, -12.4539,
4.2671

Harmonies

Analogous

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



76.3933, -40.9972, 29.3858



76.3918, -49.5285, 11.4347



76.3933, -47.2951, -16.3113

Triad

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



76.3933, -49.5289, 11.4355



76.3933, 15.9529, -58.9630



76.3933, 31.8498, 33.8392

Complementary

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



76.3918, -49.5285, 11.4347



40.6379, 70.0369, 22.7850

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.



76.3933, 51.5709, 20.1740



76.3918, -49.5285, 11.4347



76.3933, 41.5300, -34.4250

Square

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



76.3933, -49.5289, 11.4355



76.3933, -11.9748, -63.8997



76.3933, 55.3434, -3.9137



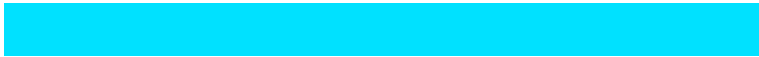
76.3933, 4.1485, 38.9812

Rectangle

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



76.3918, -49.5285, 11.4347



76.3933, -39.8480, -36.8316



76.3933, 55.3434, -3.9137



76.3933, 39.7861, 30.3781

Sweetspot

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



76.3933, -49.5289, 11.4355



93.4588, -29.8800, 4.6837



74.5036, -61.9282, 44.8238



42.9028, -15.1471, 2.2254

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.3933, -49.5289, 11.4355



87.1522, -56.5658, 13.1765



55.0572, -11.2477, -44.5339



40.3559, -5.6850, 2.0202



58.3528, -37.7380, 8.5296



15.9014, -10.0234, 1.7624

Inverse Universe

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



40.6379, 70.0369, 22.7850



46.3524, 79.8663, 26.1815



45.2560, 53.9379, 28.8295



37.9650, 1.6916, 2.3411



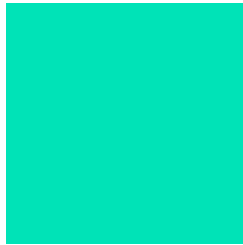
31.0536, 53.5635, 17.0952



8.5175, 14.8408, 3.5319

Previews

White Background



This preview shows how the HunterLab color 76.3918, -49.5285, 11.4347 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 76.3918, -49.5285, 11.4347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

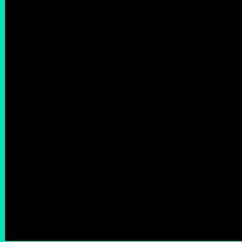
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

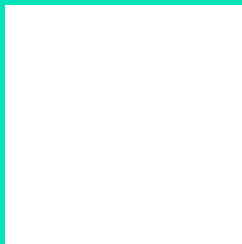
Any Text WCAG AAA ✓ Pass

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

HunterLab 76.3918, -49.5285, 11.4347 Background



This preview shows how black text looks on a background with the HunterLab color 76.3918, -49.5285, 11.4347.



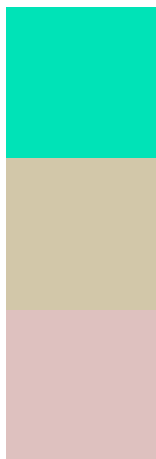
This preview shows how white text looks on a background with the HunterLab color 76.3918,

-49.5285, 11.4347.

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

76.3918, -49.5285, 11.4347

Protanopia

75.7714, -5.0039, 17.2309

Deuteranopia

75.7833, 5.4012, 8.2291



Tritanopia

76.5047, -32.9422, -15.5272

Trichromacy



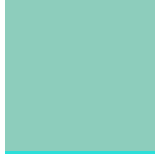
Original Color

76.3918, -49.5285, 11.4347



Protanomaly

73.2975, -30.1971, 12.2452



Deuteranomaly

72.7710, -24.5901, 5.6475



Tritanomaly

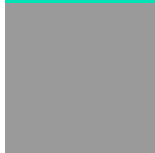
76.3536, -40.3208, -4.6322

Monochromacy



Original Color

76.3918, -49.5285, 11.4347



Achromatopsia

56.8457, -3.0331, 3.0885



Achromatomaly

61.9363, -26.6770, 3.6214

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.3918, -49.5285, 11.4347 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, 227, 183)` looks like.

```
.text, #text, p{  
    color:rgb(0, 227, 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, 227, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 227, 183) }
```

Border

The CSS property to change the border of an element to HunterLab 76.3918, -49.5285, 11.4347 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, 227, 183) }
```


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

```
.border{ border-color:rgb(0, 227, 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, 227, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 227, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 227, 183);  
box-shadow:4px 4px 4px 4px rgb(0, 227,  
183) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.3918, -49.5285, 11.4347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 227, 183) }
```

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

```
.background{ background-color: rgb(0, 227,  
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](#).

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