

Converting Colors

HunterLab(76.3720, -49.5594,
11.7406)

Have a look what the booklet for
HunterLab(76.3720, -49.5594,
11.7406) contains.

HunterLab(76.3858, -49.6075, 11.8490)	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(76.3858,
-49.6075, 11.8490)**

Conversions

Conversions Part 1

Format	Color
Hex	05E3B6
RGB	5, 227, 182
RGB Percent	2%, 89%, 71%
CMY	0.9803, 0.1098, 0.2863
CMYK	0.98, 0.00, 0.20, 0.11
HSL	168°, 96%, 45%
HSV	168°, 98%, 89%
XYZ	35.9752, 58.3479, 53.6222
YIQ	155.4920, -117.8670, -61.0590

Conversions

Conversions Part 2

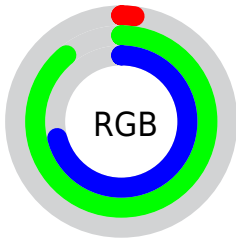
Format	Color
RYB	5, 129, 227
Decimal	385974
CIELab	80.93, -56.13, 9.18
CIElCh	81, 56.876, 170.707
Yxy	58.3502, 0.2432, 0.3944
Android (android.graphics.Color)	4278576054 (0xFF05E3B6)
YUV	155.4920, 13.0684, -131.9815
Hunter-Lab	76.3858, -49.6075, 11.8490

Details

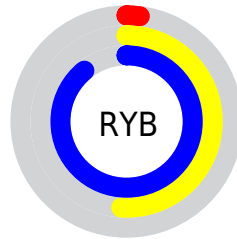
The HunterLab color **76.3858, -49.6075, 11.8490** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **40.8307, 69.8004, 21.9936**, and the grayscale version is **57.4402, -3.0649, 3.1208**.

A 20% lighter version of the original color is **90.0045, -43.2278, 1.4184**, and **55.0767, -36.9546, 10.9334** is the 20% darker color. If you saturate the color by 10%, you get **76.3385, -49.8620, 12.2214**, and if you desaturate by 10%, it is **76.6513, -48.2818, 10.1933**.

Distribution



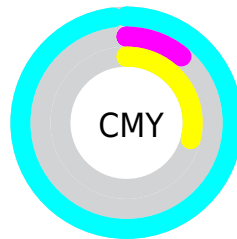
- Red (2%)
- Green (89%)
- Blue (71%)



- Red (2%)
- Yellow (51%)
- Blue (89%)



- Cyan (98%)
- Magenta (0%)
- Yellow (20%)
- Black (11%)





- Cyan (98%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.3858, -49.6075, 11.8490 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 76.3858, -49.6075, 11.8490 by changing the saturation by 10% instead.


 76.3858, -49.6075,
11.8490


 76.3858, -49.6075,
11.8490


204.5701,
-78.5231, 22.1073


 64.8770, -45.8889,
10.7689


 101.2090,
-56.6206, 14.0383


 54.0111, -41.9843,
9.6933


 114.4657,
-59.9606, 15.1496


 43.8303, -37.8465,
8.6185


 128.2554,
-63.2125, 16.2737

 34.3843, -33.4076,
7.5378

 142.5583,
-66.3889, 17.4114

 25.7354, -28.5669,
6.4404

 157.3565,
-69.5002, 18.5633

 17.9654, -23.1686,
5.3075

172.6341,

 11.1877, -19.5785,

-72.5551, 19.7297

4.2504

188.3764,
-75.5608, 20.9110

■ 3.2140, -5.6245,
2.2498

0.0000, NaN, NaN

■ 76.3858, -49.6075,
11.8490

■ 76.3858, -49.6075,
11.8490

■ 76.3385, -49.8620,
12.2214

■ 76.6513, -48.2818,
10.1933

■ 77.0715, -46.3243,
8.6701

■ 77.6781, -43.6277,
7.3263

■ 78.4905, -40.1372,
6.1957

■ 79.5223, -35.8300,
5.3050

■ 80.7823, -30.7098,
4.6733

■ 82.2754, -24.8030,
4.3131

■ 84.0027, -18.1533,
4.2299

■ 85.9625, -10.8177,
4.4234

Harmonies

Analogous

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



76.3873, -40.8758, 29.6639



76.3858, -49.6075, 11.8490



76.3873, -47.5500, -15.8715

Triad

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



76.3873, -49.6079, 11.8498



76.3873, 15.5486, -59.5184



76.3873, 32.4096, 33.7604

Complementary

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



76.3858, -49.6075, 11.8490



40.8307, 69.8004, 21.9936

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.



76.3873, 51.9978, 19.9033



76.3858, -49.6075, 11.8490



76.3873, 41.3461, -35.0912

Square

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



76.3873, -49.6079, 11.8498



76.3873, -12.4403, -64.0823



76.3873, 55.4813, -4.4275



76.3873, 4.6563, 39.0246

Rectangle

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



76.3858, -49.6075, 11.8490



76.3873, -40.2026, -36.5040



76.3873, 55.4813, -4.4275



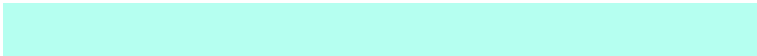
76.3873, 40.3230, 30.2445

Sweetspot

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



76.3873, -49.6079, 11.8498



93.6170, -29.2984, 4.9598



74.6402, -61.3330, 44.8043



42.9655, -14.9188, 2.3672

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.3873, -49.6079, 11.8498



87.0897, -56.9455, 14.0744



56.7187, -13.5796, -41.2584



40.3531, -5.7007, 2.0605



58.3116, -37.9882, 9.1212



15.8915, -10.0835, 1.9044

Inverse Universe

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



40.8307, 69.8004, 21.9936



46.3737, 79.9452, 25.8665



45.2415, 54.0667, 28.6346



37.9678, 1.7066, 2.3015



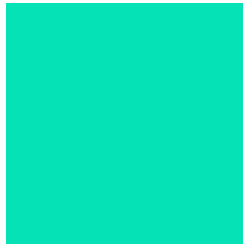
31.0689, 53.6201, 16.8691



8.5233, 14.8623, 3.4467

Previews

White Background



This preview shows how the HunterLab color 76.3858, -49.6075, 11.8490 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 76.3858, -49.6075, 11.8490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

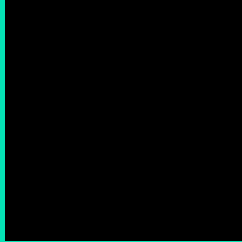
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

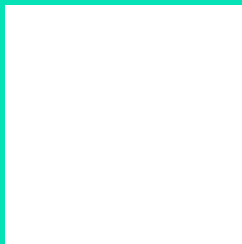
Any Text WCAG AAA ✓ Pass

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

HunterLab 76.3858, -49.6075, 11.8490 Background



This preview shows how black text looks on a background with the HunterLab color 76.3858, -49.6075, 11.8490.



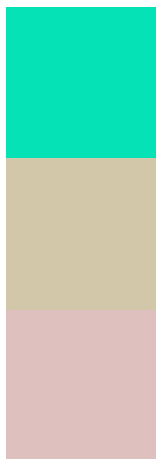
This preview shows how white text looks on a background with the HunterLab color 76.3858,

-49.6075, 11.8490.

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

76.3858, -49.6075, 11.8490

Protanopia

75.7467, -5.1396, 17.5876

Deuteranopia

75.4630, 5.7671, 8.3262



Tritanopia

76.1619, -32.5012, -16.0102

Trichromacy



Original Color

76.3858, -49.6075, 11.8490



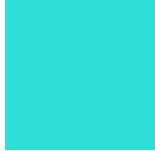
Protanomaly

73.3273, -30.1358, 12.6896



Deuteranomaly

72.8630, -24.3033, 6.2164



Tritanomaly

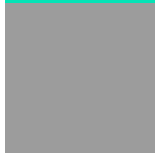
76.0330, -39.7901, -5.0354

Monochromacy



Original Color

76.3858, -49.6075, 11.8490



Achromatopsia

57.6586, -3.0765, 3.1327



Achromatomaly

62.4013, -26.5725, 4.1637

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.3858, -49.6075, 11.8490 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(5, 227, 182)` looks like.

```
.text, #text, p{  
    color:rgb(5, 227, 182)  
}
```

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(5, 227, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 227, 182) }
```

Border

The CSS property to change the border of an element to HunterLab 76.3858, -49.6075, 11.8490 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(5, 227, 182) }
```


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

```
.border{ border-color:rgb(5, 227, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 227, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 227, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 227, 182);  
box-shadow:4px 4px 4px 4px rgb(5, 227,  
182) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.3858, -49.6075, 11.8490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 227, 182) }
```

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

```
.background{ background-color: rgb(5, 227,  
182) }
```

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