

Converting Colors

HunterLab(76.5585, -48.3900,
8.7686)

Have a look what the booklet for
HunterLab(76.5585, -48.3900,
8.7686) contains.

HunterLab(76.5871, -48.3439, 8.6334)	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(76.5871,
-48.3439, 8.6334)**

Conversions

Conversions Part 1

Format	Color
Hex	00E3BE
RGB	0, 227, 190
RGB Percent	0%, 89%, 75%
CMY	0.9998, 0.1098, 0.2549
CMYK	1.00, 0.00, 0.16, 0.11
HSL	170°, 100%, 45%
HSV	170°, 100%, 89%
XYZ	36.7633, 58.6558, 58.0992
YIQ	154.9090, -123.4150, -59.6310

Conversions

Conversions Part 2

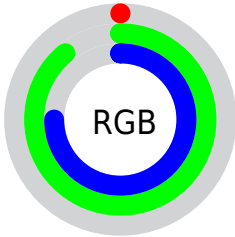
Format	Color
RYB	0, 124, 227
Decimal	58302
CIELab	81.10, -54.24, 5.20
CIELCh	81, 54.489, 174.524
Yxy	58.6581, 0.2395, 0.3821
Android (android.graphics.Color)	4278248382 (0xFF00E3BE)
YUV	154.9090, 17.2999, -135.8552
Hunter-Lab	76.5871, -48.3439, 8.6334

Details

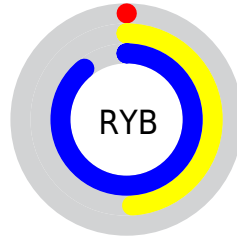
The HunterLab color **76.5871, -48.3439, 8.6334** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **40.5785, 69.8163, 23.6642**, and the grayscale version is **57.1885, -3.0514, 3.1072**.

A 20% lighter version of the original color is **90.2712, -41.6555, -2.3701**, and **55.2771, -35.7354, 8.0509** is the 20% darker color. If you saturate the color by 10%, you get **76.5882, -48.3461, 8.6367**, and if you desaturate by 10%, it is **76.8120, -47.2261, 7.2433**.

Distribution



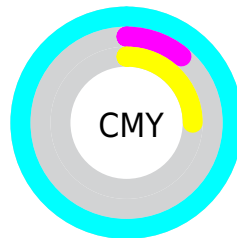
- Red (0%)
- Green (89%)
- Blue (75%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (11%)





- Cyan (100%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.5871, -48.3439, 8.6334 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 76.5871, -48.3439, 8.6334 by changing the saturation by 10% instead.


 76.5871, -48.3439,
8.6334


 76.5871, -48.3439,
8.6334


204.8496,
-76.4545, 17.4429

 65.0676, -44.7415,
7.7557


 101.4301,
-55.1461, 10.4511


 54.1904, -40.9626,
6.8964


 114.6960,
-58.3894, 11.3899


 43.9976, -36.9619,
6.0551


 128.4946,
-61.5493, 12.3489

 34.5386, -32.6744,
5.2296

 142.8061,
-64.6380, 13.3281

 25.8756, -28.0038,
4.4160

 157.6126,
-67.6653, 14.3273

 18.0897, -22.7997,
3.6072

172.8982,

 11.2940, -19.7644,

-70.6395, 15.3463

2.7879

188.6483,
-73.5673, 16.3849

■ 3.4949, -6.1160,
2.4464

0.0000, NaN, NaN

■ 76.5871, -48.3439,
8.6334

■ 76.5871, -48.3439,
8.6334

■ 76.5882, -48.3461,
8.6367

■ 76.8120, -47.2261,
7.2433

■ 77.1736, -45.5513,
5.9877

■ 77.7149, -43.1652,
4.9253

■ 78.4567, -40.0036,
4.0899

■ 79.4140, -36.0348,
3.5071

■ 80.5968, -31.2550,
3.1947

■ 82.0111, -25.6832,
3.1635

■ 83.6590, -19.3575,
3.4170

■ 85.5396, -12.3300,
3.9530

Harmonies

Analogous

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



76.5886, -41.1920, 27.2276



76.5871, -48.3439, 8.6334



76.5886, -45.0089, -18.6983

Triad

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



76.5886, -48.3443, 8.6342



76.5886, 18.1328, -54.0411



76.5886, 27.6435, 33.9836

Complementary

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



76.5871, -48.3439, 8.6334



40.5785, 69.8163, 23.6642

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.



76.5886, 47.7647, 21.6220



76.5871, -48.3439, 8.6334



76.5886, 41.7737, -29.4741

Square

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



76.5886, -48.3443, 8.6342



76.5886, -8.8736, -61.1376



76.5886, 53.2563, -0.5825



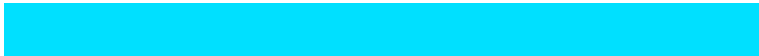
76.5886, 0.8126, 38.3370

Rectangle

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



76.5871, -48.3439, 8.6334



76.5886, -37.0182, -37.9961



76.5886, 53.2563, -0.5825



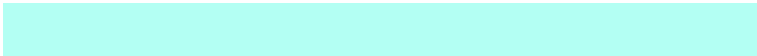
76.5886, 35.5534, 30.8827

Sweetspot

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



76.5886, -48.3443, 8.6342



93.5344, -29.4462, 3.6068



74.3974, -62.3806, 44.7503



42.9426, -14.9175, 1.6587

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.5886, -48.3443, 8.6342



87.3761, -55.2077, 9.9650



52.7183, -7.6464, -49.3842



40.3657, -5.6302, 1.8799



58.5003, -36.8440, 6.4153



15.9367, -9.8100, 1.2576

Inverse Universe

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



40.5785, 69.8163, 23.6642



46.2862, 79.6211, 27.1605



46.3232, 50.8862, 29.4335



37.9554, 1.6399, 2.4784



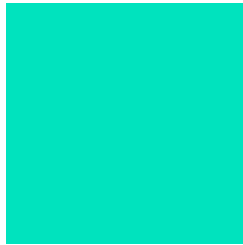
31.0056, 53.3857, 17.8048



8.4972, 14.7662, 3.8285

Previews

White Background



This preview shows how the HunterLab color 76.5871, -48.3439, 8.6334 looks on a white background.

Color Contrast Check

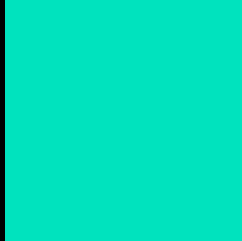
Large Text (above 18pt) WCAG AA × Fail

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 76.5871, -48.3439, 8.6334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

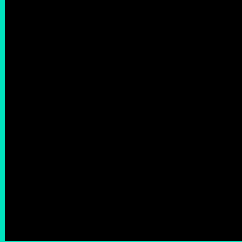
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

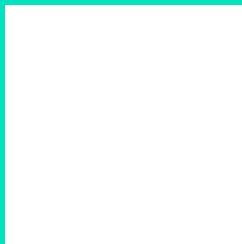
Any Text WCAG AAA ✓ Pass

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

HunterLab 76.5871, -48.3439, 8.6334 Background



This preview shows how black text looks on a background with the HunterLab color 76.5871, -48.3439, 8.6334.



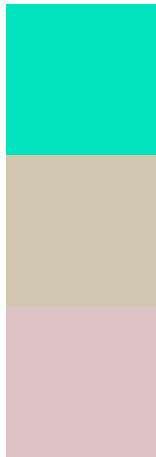
This preview shows how white text looks on a background with the HunterLab color 76.5871,

-48.3439, 8.6334.

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

76.5871, -48.3439, 8.6334

Protanopia

75.8270, -4.5059, 14.9330

Deuteranopia

75.7541, 5.6590, 5.4354



Tritanopia

76.4744, -32.9828, -16.1669

Trichromacy



Original Color

76.5871, -48.3439, 8.6334



Protanomaly

73.4049, -29.4595, 9.8390



Deuteranomaly

72.8925, -23.7710, 2.9853



Tritanomaly

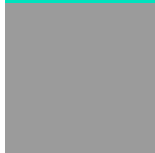
76.4639, -39.6096, -6.6192

Monochromacy



Original Color

76.5871, -48.3439, 8.6334



Achromatopsia

57.2519, -3.0548, 3.1106



Achromatomaly

62.0706, -25.9818, 2.4065

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.5871, -48.3439, 8.6334 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(0, 227, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 227, 190) }
```

Border

The CSS property to change the border of an element to HunterLab 76.5871, -48.3439, 8.6334 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, 190) }
```


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

```
.border{ border-color:rgb(0, 227, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 227, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 227, 190);  
box-shadow:4px 4px 4px 4px rgb(0, 227,  
190) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.5871, -48.3439, 8.6334 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, 190) }
```

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

```
.background{ background-color: rgb(0, 227,  
190) }
```

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