

Converting Colors

HunterLab(76.0722, -47.8379,
8.1846)

Have a look what the booklet for
HunterLab(76.0722, -47.8379,
8.1846) contains.

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Color

**HunterLab(76.2302,
-47.9567, 8.2436)**

Conversions

Conversions Part 1

Format	Color
Hex	00E2BE
RGB	0, 226, 190
RGB Percent	0%, 89%, 75%
CMY	0.9998, 0.1137, 0.2549
CMYK	1.00, 0.00, 0.16, 0.11
HSL	170°, 100%, 44%
HSV	170°, 100%, 89%
XYZ	36.4906, 58.1104, 58.0084
YIQ	154.3220, -123.1400, -59.1080

Conversions

Conversions Part 2

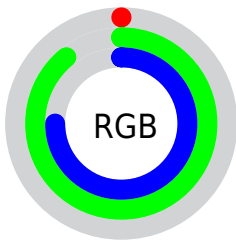
Format	Color
RYB	0, 123, 226
Decimal	58046
CIELab	80.80, -53.84, 4.76
CIElCh	81, 54.053, 174.944
Yxy	58.1127, 0.2391, 0.3808
Android (android.graphics.Color)	4278248126 (0xFF00E2BE)
YUV	154.3220, 17.5893, -135.3404
Hunter-Lab	76.2302, -47.9567, 8.2436

Details

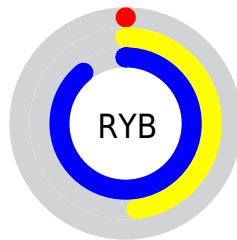
The HunterLab color **76.2302, -47.9567, 8.2436** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **40.3705, 69.4465, 23.6359**, and the grayscale version is **56.9488, -3.0386, 3.0941**.

A 20% lighter version of the original color is **90.2712, -41.6555, -2.3701**, and **54.9382, -35.3728, 7.6918** is the 20% darker color. If you saturate the color by 10%, you get **76.2313, -47.9588, 8.2468**, and if you desaturate by 10%, it is **76.4524, -46.8550, 6.8891**.

Distribution



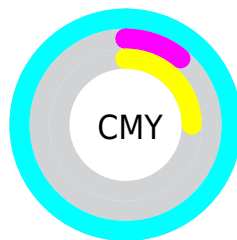
- Red (0%)
- Green (89%)
- Blue (75%)



- Red (0%)
- Yellow (48%)
- 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 76.2302, -47.9567, 8.2436 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 76.2302, -47.9567, 8.2436 by changing the saturation by 10% instead.


 76.2302, -47.9567,
8.2436


 76.2302, -47.9567,
8.2436


204.3540,
-75.9201, 16.8914


 64.7296, -44.3735,
7.3882


 101.0381,
-54.7225, 10.0201


 53.8724, -40.6143,
6.5526


 114.2876,
-57.9485, 10.9397


 43.7010, -36.6340,
5.7367


 128.0704,
-61.0917, 11.8803

 34.2651, -32.3673,
4.9387

 142.3666,
-64.1641, 12.8418

 25.6272, -27.7174,
4.1555

 157.1585,
-67.1757, 13.8239

 17.8694, -22.5327,
3.3808

172.4299,

 11.1058, -19.4351,

-70.1345, 14.8264

2.6012

188.1662,
-73.0474, 15.8490

■ 2.9786, -5.2125,
2.0850

0.0000, NaN, NaN

■ 76.2302, -47.9567,
8.2436

■ 76.2302, -47.9567,
8.2436

■ 76.2313, -47.9588,
8.2468

■ 76.4524, -46.8550,
6.8891

■ 76.8105, -45.2004,
5.6702

■ 77.3470, -42.8392,
4.6454

■ 78.0830, -39.7074,
3.8481

■ 79.0331, -35.7735,
3.3035

■ 80.2075, -31.0333,
3.0291

■ 81.6120, -25.5056,
3.0351

■ 83.2488, -19.2280,
3.3249

■ 85.1171, -12.2523,
3.8958

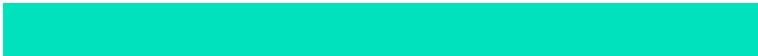
Harmonies

Analogous

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



76.2317, -41.0082, 26.8213



76.2302, -47.9567, 8.2436



76.2317, -44.5034, -18.8950

Triad

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



76.2317, -47.9571, 8.2444



76.2317, 18.3054, -53.1828



76.2317, 27.0006, 33.8305

Complementary

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



76.2302, -47.9567, 8.2436



40.3705, 69.4465, 23.6359

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.



76.2317, 47.0669, 21.6856



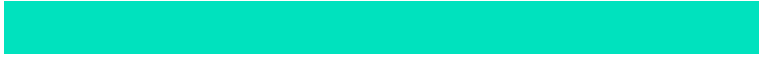
76.2302, -47.9567, 8.2436



76.2317, 41.5915, -28.7400

Square

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



76.2317, -47.9571, 8.2444



76.2317, -8.4512, -60.4969



76.2317, 52.7357, -0.1860



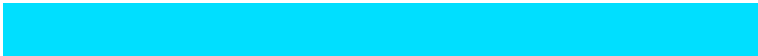
76.2317, 0.4091, 38.0653

Rectangle

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



76.2302, -47.9567, 8.2436



76.2317, -36.4861, -37.9444



76.2317, 52.7357, -0.1860



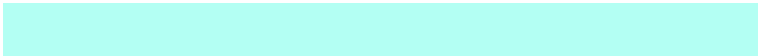
76.2317, 34.8672, 30.7882

Sweetspot

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



76.2317, -47.9571, 8.2444



93.5435, -29.3937, 3.4766



74.0278, -62.0676, 44.5281



42.9474, -14.8898, 1.5901

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.2317, -47.9571, 8.2444



87.4037, -55.0405, 9.5696



52.4618, -7.6175, -49.1259



39.4118, -5.4823, 1.8196



57.5904, -36.1460, 6.0458



15.1958, -9.3132, 1.1112

Inverse Universe

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



40.3705, 69.4465, 23.6359



46.2791, 79.5946, 27.2662



46.0983, 50.6170, 29.2903



37.0621, 1.5855, 2.4350



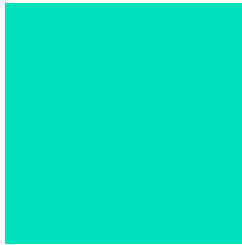
30.5095, 52.5237, 17.5803



8.1012, 14.0823, 3.6161

Previews

White Background



This preview shows how the HunterLab color 76.2302, -47.9567, 8.2436 looks on a white background.

Color Contrast Check

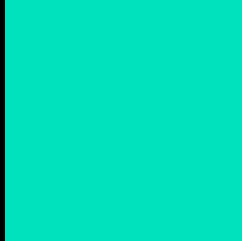
Large Text (above 18pt) WCAG AA × Fail

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 76.2302, -47.9567, 8.2436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

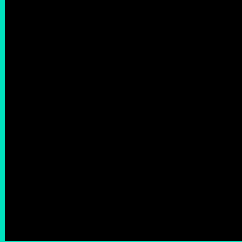
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

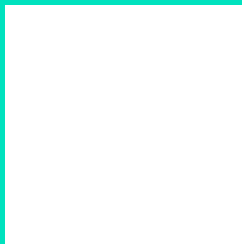
Any Text WCAG AAA ✓ Pass

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

HunterLab 76.2302, -47.9567, 8.2436 Background



This preview shows how black text looks on a background with the HunterLab color 76.2302, -47.9567, 8.2436.



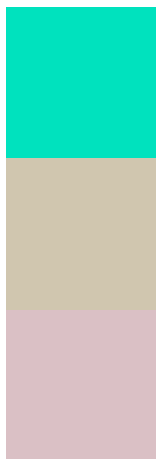
This preview shows how white text looks on a background with the HunterLab color 76.2302, -47.9567, 8.2436.

-47.9567, 8.2436.

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

76.2302, -47.9567, 8.2436

Protanopia

75.4276, -4.3385, 14.5219

Deuteranopia

75.2568, 5.4926, 4.8530



Tritanopia

76.0707, -32.8531, -16.1474

Trichromacy



Original Color

76.2302, -47.9567, 8.2436



Protanomaly

73.0155, -29.2321, 9.4170



Deuteranomaly

72.5050, -23.5383, 2.5287



Tritanomaly

76.0797, -39.3986, -6.5772

Monochromacy



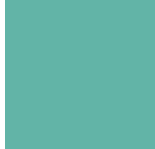
Original Color

76.2302, -47.9567, 8.2436



Achromatopsia

56.8457, -3.0331, 3.0885



Achromatomaly

61.6678, -25.9068, 2.3963

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.2302, -47.9567, 8.2436 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, 226, 190)` looks like.

```
.text, #text, p{  
    color:rgb(0, 226, 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, 226, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 226, 190) }
```

Border

The CSS property to change the border of an element to HunterLab 76.2302, -47.9567, 8.2436 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, 226, 190) }
```


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

```
.border{ border-color:rgb(0, 226, 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, 226, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 226, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 226, 190);  
box-shadow:4px 4px 4px 4px rgb(0, 226,  
190) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.2302, -47.9567, 8.2436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 226, 190) }
```

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

```
.background{ background-color: rgb(0, 226,  
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](#).

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