

Converting Colors

HunterLab(80.3886, -50.9261,
9.4584)

Have a look what the booklet for
HunterLab(80.3886, -50.9261,
9.4584) contains.

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Color

**HunterLab(80.4025,
-50.8416, 9.2564)**

Conversions

Conversions Part 1

Format	Color
Hex	00EDC6
RGB	0, 237, 198
RGB Percent	0%, 93%, 78%
CMY	0.9998, 0.0706, 0.2235
CMYK	1.00, 0.00, 0.16, 0.07
HSL	170°, 100%, 46%
HSV	170°, 100%, 93%
XYZ	40.4773, 64.6456, 63.7705
YIQ	161.6910, -128.7330, -62.3730

Conversions

Conversions Part 2

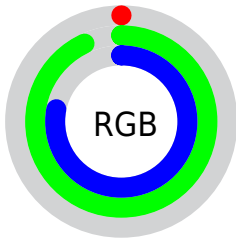
Format	Color
RYB	0, 129, 237
Decimal	60870
CIELab	84.30, -56.15, 5.60
CIElCh	84, 56.431, 174.305
Yxy	64.6481, 0.2397, 0.3828
Android (android.graphics.Color)	4278250950 (0xFF00EDC6)
YUV	161.6910, 17.9003, -141.8030
Hunter-Lab	80.4025, -50.8416, 9.2564

Details

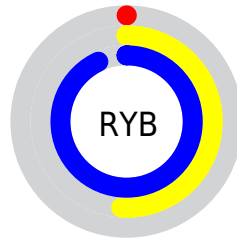
The HunterLab color **80.4025, -50.8416, 9.2564** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed cyan. A complement of this color would be **42.6063, 73.3031, 24.8603**, and the grayscale version is **59.9556, -3.1991, 3.2575**.

A 20% lighter version of the original color is **90.6558, -39.5396, -6.7051**, and **58.8695, -38.2695, 9.0311** is the 20% darker color. If you saturate the color by 10%, you get **80.4036, -50.8440, 9.2601**, and if you desaturate by 10%, it is **80.6358, -49.6772, 7.7766**.

Distribution



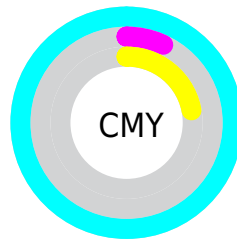
- Red (0%)
- Green (93%)
- Blue (78%)



- Red (0%)
- Yellow (51%)
- Blue (93%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (7%)





- Cyan (100%)
- Magenta (7%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 80.4025, -50.8416, 9.2564 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 80.4025, -50.8416, 9.2564 by changing the saturation by 10% instead.


 80.4025, -50.8416,
9.2564


 80.4025, -50.8416,
9.2564


210.1253,
-79.5383, 18.2650


 68.6846, -47.1757,
8.3529


 105.6143,
-57.7756, 11.1232


 57.5974, -43.3368,
7.4667


 119.0529,
-61.0854, 12.0853


 47.1808, -39.2824,
6.5975


 133.0176,
-64.3116, 13.0669

 37.4810, -34.9524,
5.7430

 147.4893,
-67.4661, 14.0681

 28.5556, -30.2592,
4.8995

 162.4508,
-70.5586, 15.0886

 20.4788, -25.0687,
4.0602

177.8865,

 13.3512, -21.5713,

-73.5971, 16.1284

3.2117

193.7823,
-76.5884, 17.1873

■ 6.9012, -12.0771,
3.7390

0.0000, NaN, NaN

■ 80.4025, -50.8416,
9.2564

■ 80.4025, -50.8416,
9.2564

■ 80.4036, -50.8440,
9.2601

■ 80.6358, -49.6772,
7.7766

■ 81.0137, -47.9232,
6.4381

■ 81.5807, -45.4199,
5.3017

■ 82.3590, -42.0987,
4.4035

■ 83.3647, -37.9260,
3.7709

■ 84.6082, -32.8972,
3.4229

■ 86.0959, -27.0325,
3.3711

■ 87.8301, -20.3718,
3.6195

■ 89.8100, -12.9705,
4.1658

Harmonies

Analogous

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



80.4040, -43.2393, 28.7378



80.4025, -50.8416, 9.2564



80.4040, -47.4144, -19.4726

Triad

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



80.4040, -50.8420, 9.2573



80.4040, 18.8936, -57.0696



80.4040, 29.3057, 35.6735

Complementary

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



80.4025, -50.8416, 9.2564



42.6063, 73.3031, 24.8603

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.



80.4040, 50.4074, 22.6078



80.4025, -50.8416, 9.2564



80.4040, 43.8474, -31.2740

Square

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



80.4040, -50.8420, 9.2573



80.4040, -9.5265, -64.3801



80.4040, 56.0599, -0.8306



80.4040, 1.0749, 40.2981

Rectangle

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



80.4025, -50.8416, 9.2564



80.4040, -39.0609, -39.8191



80.4040, 56.0599, -0.8306



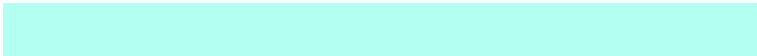
80.4040, 37.6132, 32.3936

Sweetspot

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



80.4040, -50.8420, 9.2573



93.5305, -29.4683, 3.6617



78.1105, -65.5253, 46.9832



42.9406, -14.9293, 1.6876

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.4040, -50.8420, 9.2573



87.3645, -55.2780, 10.1313



55.2944, -7.9353, -51.9802



41.3241, -5.7751, 1.9312



59.4227, -37.4824, 6.6406



16.6855, -10.2976, 1.3740

Inverse Universe

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



42.6063, 73.3031, 24.8603



46.2893, 79.6325, 27.1151



48.5817, 53.5915, 30.8724



38.8516, 1.6911, 2.5310



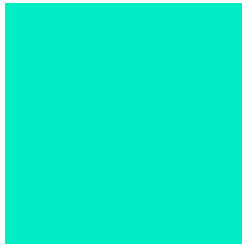
31.5000, 54.2391, 18.0730



8.8949, 15.4499, 4.0644

Previews

White Background



This preview shows how the HunterLab color 80.4025, -50.8416, 9.2564 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 80.4025, -50.8416, 9.2564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

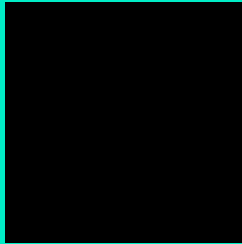
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

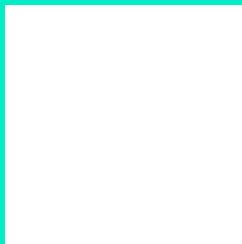
Any Text WCAG AAA ✓ Pass

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

HunterLab 80.4025, -50.8416, 9.2564 Background



This preview shows how black text looks on a background with the HunterLab color 80.4025, -50.8416, 9.2564.



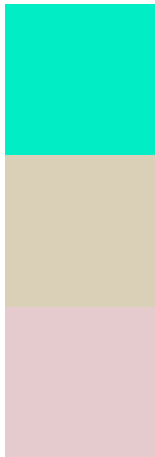
This preview shows how white text looks on a background with the HunterLab color 80.4025, -50.8416, 9.2564.

-50.8416, 9.2564.

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

80.4025, -50.8416, 9.2564

Protanopia

79.6468, -4.8760, 15.6431

Deuteranopia

79.5960, 5.5193, 5.6476



Tritanopia

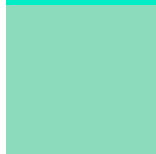
80.4128, -34.6613, -17.1374

Trichromacy



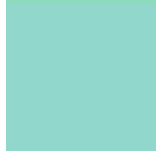
Original Color

80.4025, -50.8416, 9.2564



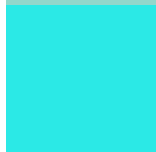
Protanomaly

77.3194, -31.2921, 10.6131



Deuteranomaly

76.8269, -25.4003, 3.2927



Tritanomaly

80.3147, -41.8313, -6.5081

Monochromacy



Original Color

80.4025, -50.8416, 9.2564



Achromatopsia

60.1088, -3.2073, 3.2658



Achromatomaly

65.0952, -27.4599, 2.6902

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.4025, -50.8416, 9.2564 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, 237, 198)` looks like.

```
.text, #text, p{  
    color:rgb(0, 237, 198)  
}
```

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, 237, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 237, 198) }
```

Border

The CSS property to change the border of an element to HunterLab 80.4025, -50.8416, 9.2564 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, 237, 198) }
```


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

```
.border{ border-color:rgb(0, 237, 198) }
```

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

Here you see how a box with a 4 pixel rgb(0, 237, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 237, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 237, 198);  
box-shadow:4px 4px 4px 4px rgb(0, 237,  
198) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.4025, -50.8416, 9.2564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 237, 198) }
```

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

```
.background{ background-color: rgb(0, 237,  
198) }
```

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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