

Converting Colors

HunterLab(78.1925, -66.9800,
23.9805)

Have a look what the booklet for
HunterLab(78.1925, -66.9800,
23.9805) contains.

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Color

**HunterLab(80.0413,
-58.2294, 25.6558)**

Conversions

Conversions Part 1

Format	Color
Hex	00EF9A
RGB	0, 239, 154
RGB Percent	0%, 94%, 60%
CMY	0.9999, 0.0627, 0.3961
CMYK	1.00, 0.00, 0.36, 0.06
HSL	159°, 100%, 47%
HSV	159°, 100%, 94%
XYZ	36.6992, 64.0661, 41.0036
YIQ	157.8490, -115.1590, -77.1030

Conversions

Conversions Part 2

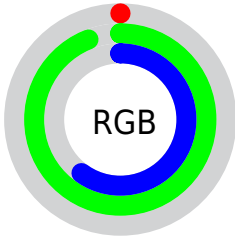
Format	Color
RYB	0, 145, 239
Decimal	61338
CIELab	84.00, -66.94, 27.99
CIELCh	84, 72.559, 157.312
Yxy	64.0686, 0.2589, 0.4519
Android (android.graphics.Color)	4278251418 (0xFF00EF9A)
YUV	157.8490, -1.8976, -138.4336
Hunter-Lab	80.0413, -58.2294, 25.6558

Details

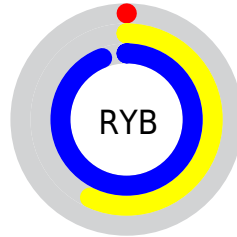
The HunterLab color **80.0413, -58.2294, 25.6558** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **43.5983, 76.1658, 16.5042**, and the grayscale version is **58.4569, -3.1191, 3.1761**.

A 20% lighter version of the original color is **89.1644, -48.2861, 13.9865**, and **58.3156, -44.1328, 22.3807** is the 20% darker color. If you saturate the color by 10%, you get **80.0426, -58.2315, 25.6587**, and if you desaturate by 10%, it is **80.3462, -56.6082, 23.1202**.

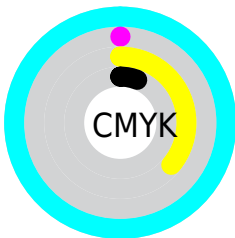
Distribution



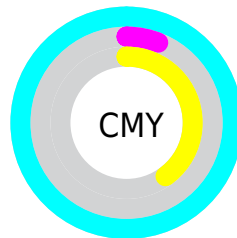
- Red (0%)
- Green (94%)
- Blue (60%)



- Red (0%)
- Yellow (57%)
- Blue (94%)



- Cyan (100%)
- Magenta (0%)
- Yellow (36%)
- Black (6%)





- Cyan (100%)
- Magenta (6%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 80.0413, -58.2294, 25.6558 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 80.0413, -58.2294, 25.6558 by changing the saturation by 10% instead.


 80.0413, -58.2294,
25.6558


 80.0413, -58.2294,
25.6558


209.6276,
-91.4771, 43.2164


 68.3420, -53.9138,
23.5451

 105.2187,
-66.3483, 29.7314


 57.2744, -49.3765,
21.3663


 118.6412,
-70.2035, 31.7149


 46.8785, -44.5653,
19.1001


 132.5904,
-73.9492, 33.6718

 37.2011, -39.4065,
16.7187

 147.0471,
-77.6004, 35.6076

 28.3001, -33.7943,
14.1823

 161.9941,
-81.1694, 37.5267

 20.2501, -27.5728,
11.4331

177.4157,

 13.1531, -23.0179,

-84.6663, 39.4326

9.2072

193.2979,
-88.0998, 41.3284

■ 6.6558, -11.6476,
4.6590

0.0000, NaN, NaN

■ 80.0413, -58.2294,
25.6558

■ 80.0413, -58.2294,
25.6558

■ 80.0426, -58.2315,
25.6587

■ 80.3462, -56.6082,
23.1202

■ 80.8083, -54.3178,
20.5727

■ 81.4725, -51.1988,
18.0751

■ 82.3607, -47.1885,
15.6718

■ 83.4884, -42.2626,
13.4022

■ 84.8653, -36.4286,
11.3006

■ 86.4964, -29.7199,
9.3954

■ 88.3829, -22.1901,
7.7087

■ 90.5226, -13.9074,
6.2560

Harmonies

Analogous

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



80.0429, -41.7479, 40.8142



80.0413, -58.2294, 25.6558



80.0429, -61.5719, -4.3990

Triad

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



80.0429, -58.2301, 25.6564



80.0429, 4.6417, -91.1186



80.0429, 57.8980, 34.6717

Complementary

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



80.0413, -58.2294, 25.6558



43.5983, 76.1658, 16.5042

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.



80.0429, 75.7364, 12.2234



80.0413, -58.2294, 25.6558



80.0429, 41.6810, -66.8345

Square

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



80.0429, -58.2301, 25.6564



80.0429, -29.0468, -82.2279



80.0429, 69.3336, -25.1115



80.0429, 23.9314, 44.2014

Rectangle

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



80.0413, -58.2294, 25.6558



80.0429, -56.5501, -31.7290



80.0429, 69.3336, -25.1115



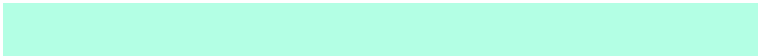
80.0429, 66.2276, 28.8826

Sweetspot

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



80.0429, -58.2301, 25.6564



93.0774, -32.0760, 10.1347



79.8705, -61.8678, 48.1323



42.7033, -16.3029, 5.0780

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.0429, -58.2301, 25.6564



86.1459, -62.7174, 27.7138



71.3623, -30.0150, -24.4017



42.2231, -6.2719, 2.8826



59.5232, -43.1538, 18.7578



17.2230, -12.1099, 4.6146

Inverse Universe

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



43.5983, 76.1658, 16.5042



46.9150, 81.9422, 17.9209



44.0209, 69.3918, 28.3394



39.8142, 2.0808, 1.6864



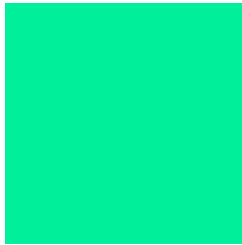
32.4441, 56.7487, 11.7618



9.4551, 16.7245, 1.9824

Previews

White Background



This preview shows how the HunterLab color 80.0413, -58.2294, 25.6558 looks on a white background.

Color Contrast Check

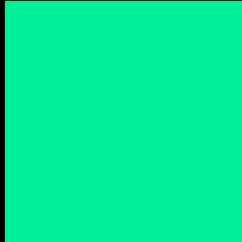
Large Text (above 18pt) WCAG AA × Fail

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 80.0413, -58.2294, 25.6558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

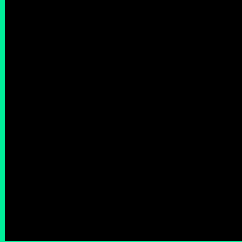
Any Text WCAG AA ✓ Pass

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 80.0413, -58.2294, 25.6558 Background



This preview shows how black text looks on a background with the HunterLab color 80.0413, -58.2294, 25.6558.



This preview shows how white text looks on a background with the HunterLab color 80.0413, -58.2294, 25.6558.

-58.2294, 25.6558.

Color Blindness Simulation

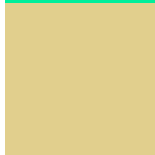
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



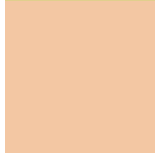
Original Color

80.0413, -58.2294, 25.6558



Protanopia

79.0925, -7.1267, 29.7216



Deuteranopia

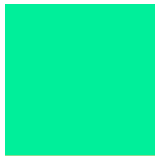
79.0860, 6.0420, 22.8611



Tritanopia

80.0159, -32.8730, -15.8750

Trichromacy



Original Color

80.0413, -58.2294, 25.6558



Protanomaly

76.5363, -36.3405, 25.4587



Deuteranomaly

75.8945, -29.5430, 20.2672



Tritanomaly

79.5451, -44.2036, 1.3202

Monochromacy



Original Color

80.0413, -58.2294, 25.6558



Achromatopsia

58.4734, -3.1200, 3.1770



Achromatomaly

63.8292, -29.9784, 9.1766

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.0413, -58.2294, 25.6558 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, 239, 154)` looks like.

```
.text, #text, p{  
    color:rgb(0, 239, 154)  
}
```

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, 239, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 239, 154) }
```

Border

The CSS property to change the border of an element to HunterLab 80.0413, -58.2294, 25.6558 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, 239, 154) }
```


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

```
.border{ border-color:rgb(0, 239, 154) }
```

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

Here you see how a box with a 4 pixel rgb(0, 239, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 239, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 239, 154);  
box-shadow:4px 4px 4px 4px rgb(0, 239,  
154) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.0413, -58.2294, 25.6558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 239, 154) }
```

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

```
.background{ background-color: rgb(0, 239,  
154) }
```

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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