

Converting Colors

HunterLab(79.9680, -60.5142,
30.6797)

Have a look what the booklet for
HunterLab(79.9680, -60.5142,
30.6797) contains.

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Color

**HunterLab(80.0789,
-60.6157, 30.7602)**

Conversions

Conversions Part 1

Format	Color
Hex	00F089
RGB	0, 240, 137
RGB Percent	0%, 94%, 54%
CMY	0.9999, 0.0588, 0.4627
CMYK	1.00, 0.00, 0.43, 0.06
HSL	154°, 100%, 47%
HSV	154°, 100%, 94%
XYZ	35.6754, 64.1263, 34.1642
YIQ	156.4980, -109.9770, -82.9130

Conversions

Conversions Part 2

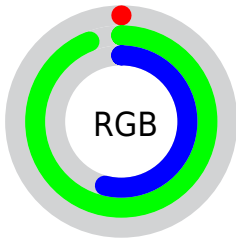
Format	Color
RYB	0, 153, 240
Decimal	61577
CIELab	84.03, -70.50, 36.56
CIELCh	84, 79.415, 152.586
Yxy	64.1289, 0.2663, 0.4787
Android (android.graphics.Color)	4278251657 (0xFF00F089)
YUV	156.4980, -9.6125, -137.2487
Hunter-Lab	80.0789, -60.6157, 30.7602

Details

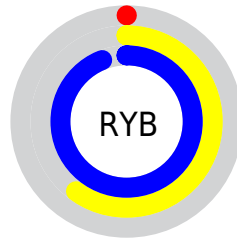
The HunterLab color **80.0789, -60.6157, 30.7602** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark saturated spring green. A complement of this color would be **44.1656, 77.8508, 11.3445**, and the grayscale version is **57.9347, -3.0913, 3.1477**.

A 20% lighter version of the original color is **88.6911, -51.1185, 20.8056**, and **58.4053, -46.0735, 26.4580** is the 20% darker color. If you saturate the color by 10%, you get **80.0803, -60.6177, 30.7627**, and if you desaturate by 10%, it is **80.3947, -58.9201, 28.0577**.

Distribution



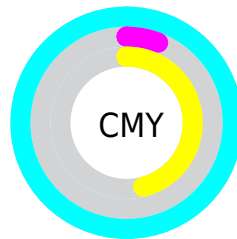
- Red (0%)
- Green (94%)
- Blue (54%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (43%)
- Black (6%)





- Cyan (100%)
- Magenta (6%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 80.0789, -60.6157, 30.7602 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 80.0789, -60.6157, 30.7602 by changing the saturation by 10% instead.


 80.0789, -60.6157,
30.7602

 80.0789, -60.6157,
30.7602


209.6795,
-95.3723, 51.8622


 68.3777, -56.0852,
28.1444


 105.2599,
-69.1270, 35.7579


 57.3080, -51.3175,
25.4245


 118.6841,
-73.1630, 38.1661


 46.9100, -46.2572,
22.5746


 132.6349,
-77.0810, 40.5276

 37.2303, -40.8266,
19.5594

 147.0931,
-80.8970, 42.8501

 28.3267, -34.9154,
16.3315

 162.0416,
-84.6240, 45.1401

 20.2739, -28.3668,
13.1956

177.4648,

 13.1737, -23.0540,

-88.2731, 47.4026

9.2216

193.3484,
-91.8532, 49.6421

■ 6.6818, -11.6931,
4.6772

0.0000, NaN, NaN

■ 80.0789, -60.6157,
30.7602

■ 80.0789, -60.6157,
30.7602

■ 80.0803, -60.6177,
30.7627

■ 80.3947, -58.9201,
28.0577

■ 80.8742, -56.5142,
25.2610

■ 81.5626, -53.2374,
22.4305

■ 82.4822, -49.0283,
19.6122

■ 83.6480, -43.8656,
16.8492

■ 85.0696, -37.7613,
14.1810

■ 86.7517, -30.7539,
11.6426

■ 88.6949, -22.9029,
9.2635

■ 90.8965, -14.2820,
7.0671

Harmonies

Analogous

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



80.0805, -40.8304, 44.2047



80.0789, -60.6157, 30.7602



80.0805, -66.3198, 1.0692

Triad

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



80.0805, -60.6165, 30.7607



80.0805, -0.8615, -104.8294



80.0805, 69.3009, 34.0706

Complementary

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



80.0789, -60.6157, 30.7602



44.1656, 77.8508, 11.3445

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.



80.0805, 85.3630, 7.5149



80.0789, -60.6157, 30.7602



80.0805, 40.2972, -82.1768

Square

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



80.0805, -60.6165, 30.7607



80.0805, -35.9929, -88.4781



80.0805, 73.8539, -35.9838



80.0805, 33.3006, 45.3713

Rectangle

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



80.0789, -60.6157, 30.7602



80.0805, -62.4718, -28.2056



80.0805, 73.8539, -35.9838



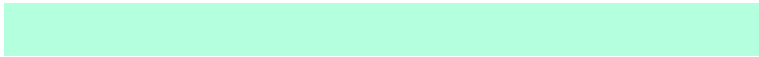
80.0805, 77.4920, 27.2223

Sweetspot

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



80.0805, -60.6165, 30.7607



92.9124, -33.0291, 12.5000



80.7876, -59.9104, 48.7317



42.6176, -16.8008, 6.3067

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

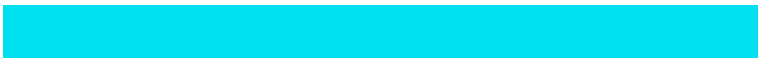
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.0805, -60.6165, 30.7607



85.7797, -64.9765, 33.0485



77.2047, -37.1102, -16.3880



42.1991, -6.4061, 3.2264



59.2713, -44.7068, 22.4252



17.1536, -12.5363, 5.6219

Inverse Universe

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



44.1656, 77.8508, 11.3445



47.3009, 83.3587, 12.3129



43.4708, 72.2512, 28.0507



39.8390, 2.2140, 1.3330



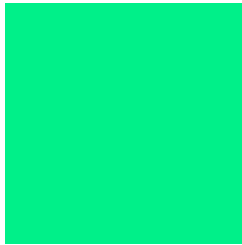
32.7149, 57.7419, 7.8325



9.5389, 17.0304, 0.7783

Previews

White Background



This preview shows how the HunterLab color 80.0789, -60.6157, 30.7602 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 80.0789, -60.6157, 30.7602 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 80.0789, -60.6157, 30.7602 Background



This preview shows how black text looks on a background with the HunterLab color 80.0789, -60.6157, 30.7602.



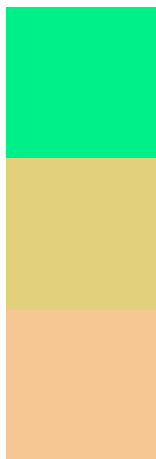
This preview shows how white text looks on a background with the HunterLab color 80.0789,

-60.6157, 30.7602.

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

80.0789, -60.6157, 30.7602

Protanopia

79.3242, -8.4462, 34.2295

Deuteranopia

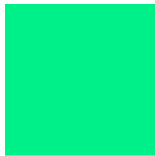
79.2008, 5.7471, 28.2395



Tritanopia

79.8222, -31.8506, -16.1332

Trichromacy



Original Color

80.0789, -60.6157, 30.7602



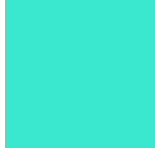
Protanomaly

76.6164, -38.4239, 30.4659



Deuteranomaly

75.6600, -31.1722, 25.7116



Tritanomaly

79.3973, -45.2306, 4.5277

Monochromacy



Original Color

80.0789, -60.6157, 30.7602



Achromatopsia

58.0658, -3.0982, 3.1548



Achromatomaly

63.6019, -31.2308, 11.7464

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.0789, -60.6157, 30.7602 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, 240, 137)` looks like.

```
.text, #text, p{  
    color:rgb(0, 240, 137)  
}
```

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, 240, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 240, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 80.0789, -60.6157, 30.7602 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, 240, 137) }
```


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

```
.border{ border-color:rgb(0, 240, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 240, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 240, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 240, 137);  
box-shadow:4px 4px 4px 4px rgb(0, 240,  
137) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.0789, -60.6157, 30.7602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 240, 137) }
```

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

```
.background{ background-color: rgb(0, 240,  
137) }
```

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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