

Converting Colors

HunterLab(80.2288, -66.5108,
48.2722)

Have a look what the booklet for
HunterLab(80.2288, -66.5108,
48.2722) contains.

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Color

**HunterLab(80.1299,
-66.4541, 48.2123)**

Conversions

Conversions Part 1

Format	Color
Hex	33F200
RGB	51, 242, 0
RGB Percent	20%, 95%, 0%
CMY	0.8000, 0.0510, 0.9999
CMYK	0.79, 0.00, 1.00, 0.05
HSL	107°, 100%, 47%
HSV	107°, 100%, 95%
XYZ	33.1173, 64.2080, 10.6479
YIQ	157.3030, -36.1540, -115.7540

Conversions

Conversions Part 2

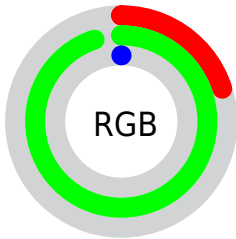
Format	Color
RYB	0, 242, 191
Decimal	3404288
CIELab	84.08, -79.52, 80.40
CIELCh	84, 113.077, 134.685
Yxy	64.2107, 0.3067, 0.5947
Android (android.graphics.Color)	4281594368 (0xFF33F200)
YUV	157.3030, -77.5504, -93.2277
Hunter-Lab	80.1299, -66.4541, 48.2123

Details

The HunterLab color **80.1299, -66.4541, 48.2123** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark saturated green. A complement of this color would be **41.8249, 86.9498, -91.7930**, and the grayscale version is **58.5085, -3.1219, 3.1789**.

A 20% lighter version of the original color is **87.7972, -58.1597, 46.5499**, and **58.5500, -50.2066, 35.1993** is the 20% darker color. If you saturate the color by 10%, you get **80.1311, -66.4574, 48.2130**, and if you desaturate by 10%, it is **80.5479, -64.6065, 47.8567**.

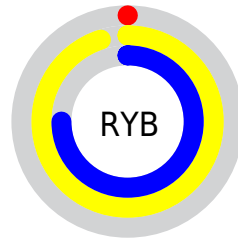
Distribution



Red (20%)

Green (95%)

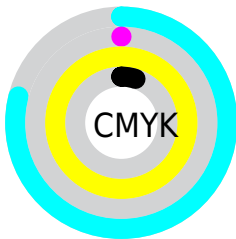
Blue (0%)



Red (0%)

Yellow (95%)

Blue (75%)

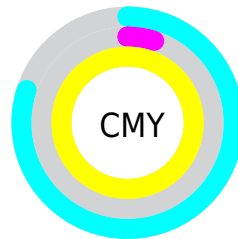


Cyan (79%)

Magenta (0%)

Yellow (100%)

Black (5%)



Cyan (80%)

Magenta (5%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.1299, -66.4541, 48.2123 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 80.1299, -66.4541, 48.2123 by changing the saturation by 10% instead.

■ 80.1299, -66.4541,
48.2123

■ 80.1299, -66.4541,
48.2123

209.7499,
-105.0860, 88.6243

■ 68.4261, -61.3715,
42.9417

■ 105.3159,
-75.9742, 58.1625

■ 57.3537, -56.0115,
37.4497

■ 118.7423,
-80.4748, 62.8814

■ 46.9527, -50.3117,
31.7336

■ 132.6953,
-84.8353, 67.4542

■ 37.2698, -44.1850,
26.0889

■ 147.1557,
-89.0744, 71.8971

■ 28.3628, -37.5108,
19.8540

■ 162.1062,
-93.2073, 76.2239

■ 20.3062, -30.3307,
14.2143

■ 177.5314,

■ 13.2017, -23.1029,

-97.2467, 80.4472

9.2412

193.4169,
-101.2033, 84.5775

■ 6.7169, -11.7546,
4.7018

0.0000, NaN, NaN

■ 80.1299, -66.4541,
48.2123

■ 80.1299, -66.4541,
48.2123

■ 80.1311, -66.4574,
48.2130

■ 80.5479, -64.6065,
47.8567

■ 81.1529, -61.8757,
46.8453

■ 81.9699, -58.1584,
44.9777

■ 83.0124, -53.4174,
42.1679

■ 84.2891, -47.6501,
38.3721

■ 85.8046, -40.8826,
33.5803

■ 87.5600, -33.1636,
27.8106

■ 89.5534, -24.5596,
21.1027

■ 91.7806, -15.1481,
13.5127

Harmonies

Analogous

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



80.1316, -29.6217, 53.5547



80.1299, -66.4541, 48.2123



80.1316, -83.5234, 26.8433

Triad

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



80.1316, -66.4553, 48.2126



80.1316, -30.6089, -168.7972



80.1316, 127.5845, 26.0980

Complementary

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



80.1299, -66.4541, 48.2123



41.8249, 86.9498, -91.7930

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.



80.1316, 127.1063, -27.4196



80.1299, -66.4541, 48.2123



80.1316, 24.6640, -169.5695

Square

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



80.1316, -66.4553, 48.2126



80.1316, -67.0072, -105.1803



80.1316, 85.6137, -106.8747



80.1316, 86.7824, 47.9847

Rectangle

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



80.1299, -66.4541, 48.2123



80.1316, -85.4220, -4.3975



80.1316, 85.6137, -106.8747



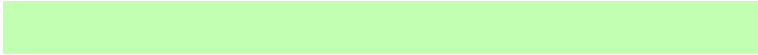
80.1316, 132.5415, 12.2318

Sweetspot

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



80.1316, -66.4553, 48.2126



92.9005, -35.2787, 29.5779



74.5132, 1.2173, 45.9352



42.6018, -17.9771, 14.9374

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.1316, -66.4553, 48.2126



85.0272, -70.5645, 51.1580



79.9573, -66.6668, 43.9763



42.2099, -6.7256, 6.0164



58.7707, -48.5376, 35.3645



17.0731, -13.4834, 10.2843

Inverse Universe

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



41.8249, 86.9498, -91.7930



44.3596, 92.2428, -97.5013



46.8115, 86.6441, -19.9992



39.8166, 2.5401, -1.8096



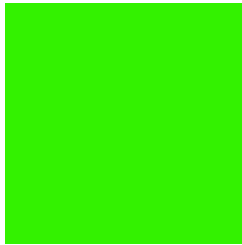
30.7526, 63.8633, -66.9374



9.1010, 18.7337, -18.5215

Previews

White Background



This preview shows how the HunterLab color 80.1299, -66.4541, 48.2123 looks on a white background.

Color Contrast Check

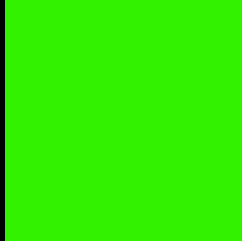
Large Text (above 18pt) WCAG AA × Fail

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 80.1299, -66.4541, 48.2123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

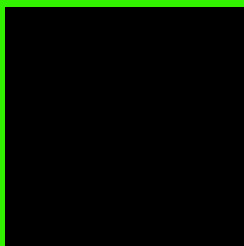
Any Text WCAG AA ✓ Pass

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 80.1299, -66.4541, 48.2123 Background



This preview shows how black text looks on a background with the HunterLab color 80.1299, -66.4541, 48.2123.



This preview shows how white text looks on a background with the HunterLab color 80.1299, -66.4541, 48.2123.

-66.4541, 48.2123.

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

80.1299, -66.4541, 48.2123

Protanopia

79.1228, -11.0297, 48.5620

Deuteranopia

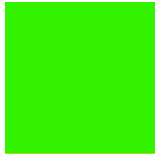
79.0069, 4.9002, 41.1711



Tritanopia

79.8129, -28.6125, -14.3109

Trichromacy



Original Color

80.1299, -66.4541, 48.2123



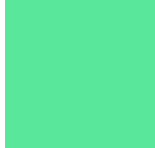
Protanomaly

77.0726, -38.6948, 46.8144



Deuteranomaly

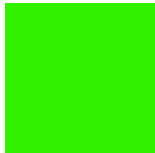
76.3103, -30.8738, 43.2668



Tritanomaly

78.5126, -49.6115, 24.0926

Monochromacy



Original Color

80.1299, -66.4541, 48.2123



Achromatopsia

58.0658, -3.0982, 3.1548



Achromatomaly

63.8264, -34.0761, 27.5333

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.1299, -66.4541, 48.2123 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(51, 242, 0)` looks like.

```
.text, #text, p{  
    color:rgb(51, 242, 0)  
}
```

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(51, 242, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 242, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 80.1299, -66.4541, 48.2123 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(51, 242, 0) }
```


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

```
.border{ border-color:rgb(51, 242, 0) }
```

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

Here you see how a box with a 4 pixel rgb(51, 242, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 242, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 242, 0);  
box-shadow:4px 4px 4px 4px rgb(51, 242, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 80.1299, -66.4541, 48.2123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 242, 0) }
```

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

```
.background{ background-color: rgb(51, 242,  
0) }
```

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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