

Converting Colors

HunterLab(80.4578, -65.5384,
48.4304)

Have a look what the booklet for
HunterLab(80.4578, -65.5384,
48.4304) contains.

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Color

**HunterLab(80.3705,
-65.4323, 48.3785)**

Conversions

Conversions Part 1

Format	Color
Hex	40F200
RGB	64, 242, 0
RGB Percent	25%, 95%, 0%
CMY	0.7490, 0.0510, 0.9999
CMYK	0.74, 0.00, 1.00, 0.05
HSL	104°, 100%, 47%
HSV	104°, 100%, 95%
XYZ	33.8664, 64.5942, 10.6829
YIQ	161.1900, -28.4060, -112.9980

Conversions

Conversions Part 2

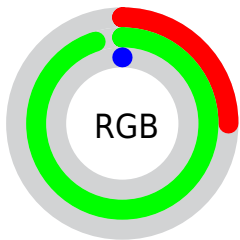
Format	Color
RYB	0, 242, 178
Decimal	4256256
CIELab	84.28, -77.75, 80.64
CIELCh	84, 112.015, 133.953
Yxy	64.5969, 0.3103, 0.5918
Android (android.graphics.Color)	4282446336 (0xFF40F200)
YUV	161.1900, -79.4667, -85.2356
Hunter-Lab	80.3705, -65.4323, 48.3785

Details

The HunterLab color **80.3705, -65.4323, 48.3785** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark saturated green. A complement of this color would be **39.8510, 84.3288, -98.9538**, and the grayscale version is **60.1030, -3.2069, 3.2655**.

A 20% lighter version of the original color is **88.1743, -56.6220, 46.8372**, and **58.5500, -50.2066, 35.1993** is the 20% darker color. If you saturate the color by 10%, you get **80.3717, -65.4358, 48.3791**, and if you desaturate by 10%, it is **80.8448, -63.3545, 48.0640**.

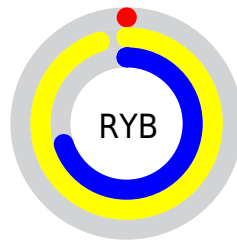
Distribution



Red (25%)

Green (95%)

Blue (0%)



Red (0%)

Yellow (95%)

Blue (70%)

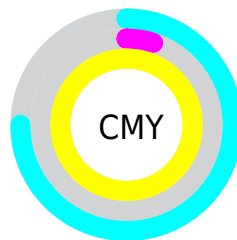


Cyan (74%)

Magenta (0%)

Yellow (100%)

Black (5%)



Cyan (75%)

Magenta (5%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.3705, -65.4323, 48.3785 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 80.3705, -65.4323, 48.3785 by changing the saturation by 10% instead.

80.3705, -65.4323,
48.3785

80.3705, -65.4323,
48.3785

210.0814,
-103.2768, 88.8771

68.6544, -60.4639,
43.0980

105.5794,
-74.7455, 58.3487

57.5689, -55.2270,
37.5963

119.0166,
-79.1513, 63.0775

47.1541, -49.6609,
31.8705

132.9799,
-83.4219, 67.6602

37.4563, -43.6810,
26.2194

147.4503,
-87.5752, 72.1128

28.5331, -37.1693,
19.9732

162.4105,
-91.6259, 76.4492

20.4586, -30.0753,
14.3210

177.8450,

13.3337, -23.3340,

-95.5865, 80.6818

9.3336

193.7396,
-99.4672, 84.8213

■ 6.8799, -12.0399,
4.8159

0.0000, NaN, NaN

■ 80.3705, -65.4323,
48.3785

■ 80.3705, -65.4323,
48.3785

■ 80.3717, -65.4358,
48.3791

■ 80.8448, -63.3545,
48.0640

■ 81.4927, -60.4560,
47.0884

■ 82.3366, -56.6460,
45.2506

■ 83.3878, -51.8943,
42.4626

■ 84.6533, -46.2006,
38.6772

■ 86.1369, -39.5889,
33.8801

■ 87.8396, -32.1022,
28.0836

■ 89.7595, -23.7983,
21.3213

■ 91.8931, -14.7448,
13.6425

Harmonies

Analogous

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



80.3722, -28.2922, 53.6064



80.3705, -65.4323, 48.3785



80.3722, -82.9092, 27.5576

Triad

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



80.3722, -65.4335, 48.3788



80.3722, -31.5488, -165.4204



80.3722, 126.6429, 25.0916

Complementary

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



80.3705, -65.4323, 48.3785



39.8510, 84.3288, -98.9538

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.



80.3722, 125.0757, -28.7932



80.3705, -65.4323, 48.3785



80.3722, 22.9017, -167.9410

Square

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



80.3722, -65.4335, 48.3788



80.3722, -67.2608, -101.8181



80.3722, 83.3196, -107.3574



80.3722, 87.1543, 47.6135

Rectangle

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



80.3705, -65.4323, 48.3785



80.3722, -85.0689, -2.8932



80.3722, 83.3196, -107.3574



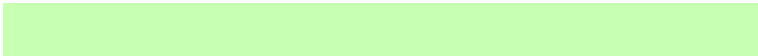
80.3722, 131.1729, 11.0218

Sweetspot

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



80.3722, -65.4335, 48.3788



93.1981, -34.1486, 29.8674



71.0715, 7.3217, 43.9214



42.7516, -17.4019, 15.0783

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.3722, -65.4335, 48.3788



85.2807, -69.4880, 51.3330



79.8733, -67.1929, 45.2170



42.2592, -6.5490, 6.0731



58.9547, -47.7571, 35.4915



17.1412, -13.1971, 10.3313

Inverse Universe

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



39.8510, 84.3288, -98.9538



42.2601, 89.4558, -105.1261



47.3334, 88.5048, -27.1550



39.7605, 2.3516, -1.8847



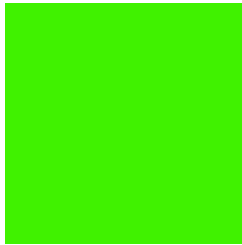
29.3259, 61.9649, -72.0824



8.7377, 18.2424, -19.7708

Previews

White Background



This preview shows how the HunterLab color 80.3705, -65.4323, 48.3785 looks on a white background.

Color Contrast Check

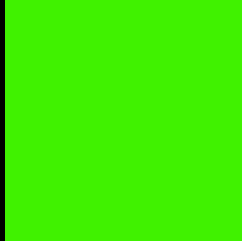
Large Text (above 18pt) WCAG AA × Fail

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 80.3705, -65.4323, 48.3785 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 80.3705, -65.4323, 48.3785 Background



This preview shows how black text looks on a background with the HunterLab color 80.3705, -65.4323, 48.3785.



This preview shows how white text looks on a background with the HunterLab color 80.3705,

-65.4323, 48.3785.

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

80.3705, -65.4323, 48.3785

Protanopia

79.5381, -11.1340, 48.8161

Deuteranopia

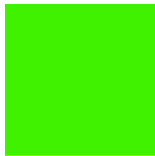
79.3419, 4.6293, 40.7016



Tritanopia

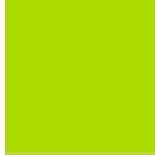
80.0646, -27.6618, -13.9411

Trichromacy



Original Color

80.3705, -65.4323, 48.3785



Protanomaly

77.8442, -37.4200, 47.3121



Deuteranomaly

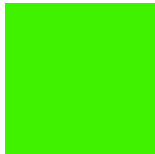
77.0564, -29.6978, 43.5649



Tritanomaly

78.8131, -48.3949, 24.3884

Monochromacy



Original Color

80.3705, -65.4323, 48.3785



Achromatopsia

59.6993, -3.1854, 3.2436



Achromatomaly

64.9783, -32.9045, 27.9934

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.3705, -65.4323, 48.3785 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(64, 242, 0)` looks like.

```
.text, #text, p{  
    color:rgb(64, 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(64, 242, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 242, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 80.3705, -65.4323, 48.3785 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(64, 242, 0) }
```


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

```
.border{ border-color:rgb(64, 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(64, 242, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 242, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 242, 0);  
box-shadow:4px 4px 4px 4px rgb(64, 242, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 80.3705, -65.4323, 48.3785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 242, 0) }
```

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

```
.background{ background-color: rgb(64, 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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