

Converting Colors

HunterLab(75.9918, -55.5802,
45.8521)

Have a look what the booklet for
HunterLab(75.9918, -55.5802,
45.8521) contains.

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Color

**HunterLab(76.0019,
-55.6196, 45.8583)**

Conversions

Conversions Part 1

Format	Color
Hex	66E300
RGB	102, 227, 0
RGB Percent	40%, 89%, 0%
CMY	0.6000, 0.1098, 0.9999
CMYK	0.55, 0.00, 1.00, 0.11
HSL	93°, 100%, 45%
HSV	93°, 100%, 89%
XYZ	32.9485, 57.7629, 9.4128
YIQ	163.7470, -1.6330, -97.0970

Conversions

Conversions Part 2

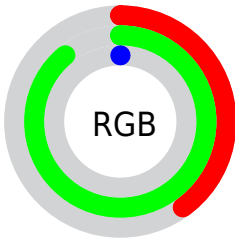
Format	Color
RYB	0, 227, 125
Decimal	6742784
CIELab	80.61, -65.17, 78.13
CIELCh	81, 101.741, 129.833
Yxy	57.7654, 0.3291, 0.5769
Android (android.graphics.Color)	4284932864 (0xFF66E300)
YUV	163.7470, -80.7273, -54.1521
Hunter-Lab	76.0019, -55.6196, 45.8583

Details

The HunterLab color **76.0019, -55.6196, 45.8583** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **31.4795, 71.5224, -116.2322**, and the grayscale version is **61.1493, -3.2628, 3.3224**.

A 20% lighter version of the original color is **89.5586, -51.0981, 48.3217**, and **53.7211, -45.5389, 32.3055** is the 20% darker color. If you saturate the color by 10%, you get **76.0028, -55.6239, 45.8588**, and if you desaturate by 10%, it is **76.5588, -53.2434, 45.6262**.

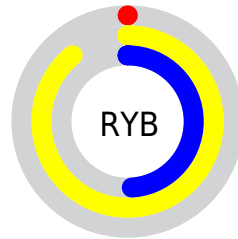
Distribution



Red (40%)

Green (89%)

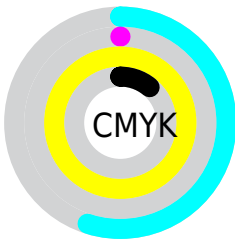
Blue (0%)



Red (0%)

Yellow (89%)

Blue (49%)

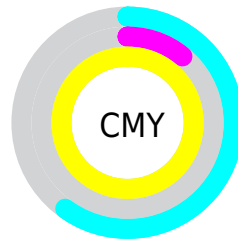


Cyan (55%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (60%)

Magenta (11%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.0019, -55.6196, 45.8583 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 76.0019, -55.6196, 45.8583 by changing the saturation by 10% instead.

■ 76.0019, -55.6196,
45.8583

■ 76.0019, -55.6196,
45.8583

204.0370,
-88.4074, 85.6482

■ 64.5136, -51.3443,
40.6455

■ 100.7874,
-63.6461, 55.6811

■ 53.6693, -46.8388,
35.2069

■ 114.0264,
-67.4510, 60.3321

■ 43.5115, -42.0471,
29.5886

■ 127.7991,
-71.1449, 64.8352

■ 34.0904, -36.8886,
23.8632

■ 142.0856,
-74.7434, 69.2073

■ 25.4686, -31.2456,
17.8281

■ 156.8681,
-78.2593, 73.4627

■ 17.7288, -25.2108,
12.4102

■ 172.1303,

■ 10.9859, -19.2253,

-81.7029, 77.6142

7.6901

187.8578,
-85.0832, 81.6729

■ 2.5947, -4.5408,
1.8163

0.0000, NaN, NaN

■ 76.0019, -55.6196,
45.8583

■ 76.0019, -55.6196,
45.8583

■ 76.0028, -55.6239,
45.8588

■ 76.5588, -53.2434,
45.6262

■ 77.2306, -50.3183,
44.7687

■ 78.0334, -46.7752,
43.0937

■ 78.9741, -42.5929,
40.5157

■ 80.0573, -37.7674,
36.9829

■ 81.2855, -32.3086,
32.4691

■ 82.6596, -26.2370,
26.9695

■ 84.1794, -19.5818,
20.4969

■ 85.8432, -12.3783,
13.0780

Harmonies

Analogous

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



76.0035, -19.5367, 50.1055



76.0019, -55.6196, 45.8583



76.0035, -73.9881, 29.0647

Triad

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



76.0035, -55.6210, 45.8586



76.0035, -33.9764, -137.9009



76.0035, 113.2859, 17.9459

Complementary

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



76.0019, -55.6196, 45.8583



31.4795, 71.5224, -116.2322

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.



76.0035, 106.5653, -33.8453



76.0019, -55.6196, 45.8583



76.0035, 12.7649, -148.4652

Square

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



76.0035, -55.6210, 45.8586



76.0035, -63.8732, -78.9278



76.0035, 66.4525, -102.3543



76.0035, 82.9894, 42.1346

Rectangle

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



76.0019, -55.6196, 45.8583



76.0035, -77.3628, 4.3983



76.0035, 66.4525, -102.3543



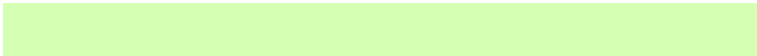
76.0035, 115.4290, 3.8749

Sweetspot

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



76.0035, -55.6210, 45.8586



94.2766, -30.0849, 30.9116



55.6462, 27.7116, 34.7731



43.3002, -15.3145, 15.5917

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.0035, -55.6210, 45.8586



86.6805, -63.6101, 52.2985



74.1389, -63.4528, 44.3107



40.5025, -5.6490, 5.9682



58.0982, -42.2379, 35.0604



15.9649, -10.7742, 9.6489

Inverse Universe

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



31.4795, 71.5224, -116.2322



35.8243, 81.5035, -133.0765



46.1219, 89.6921, -53.2237



37.7841, 1.6129, -2.0227



24.1833, 54.7891, -88.0496



6.9795, 15.3771, -22.0357

Previews

White Background



This preview shows how the HunterLab color 76.0019, -55.6196, 45.8583 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 76.0019, -55.6196, 45.8583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

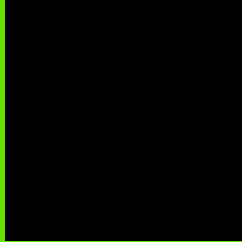
Any Text WCAG AA ✓ Pass

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 76.0019, -55.6196, 45.8583 Background



This preview shows how black text looks on a background with the HunterLab color 76.0019, -55.6196, 45.8583.



This preview shows how white text looks on a background with the HunterLab color 76.0019, -55.6196, 45.8583.

-55.6196, 45.8583.

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

76.0019, -55.6196, 45.8583

Protanopia

75.2955, -10.4750, 46.2134

Deuteranopia

75.1636, 6.0148, 44.2994



Tritanopia

75.7238, -21.0432, -11.1774

Trichromacy



Original Color

76.0019, -55.6196, 45.8583



Protanomaly

74.3668, -30.2361, 45.2951



Deuteranomaly

73.5327, -21.5817, 43.9423



Tritanomaly

74.7536, -39.8608, 24.1183

Monochromacy



Original Color

76.0019, -55.6196, 45.8583



Achromatopsia

60.9293, -3.2510, 3.3104



Achromatomaly

64.9637, -27.8116, 27.5906

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.0019, -55.6196, 45.8583 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(102, 227, 0)` looks like.

```
.text, #text, p{  
    color:rgb(102, 227, 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(102, 227, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 227, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 76.0019, -55.6196, 45.8583 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(102, 227, 0) }
```


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

```
.border{ border-color:rgb(102, 227, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 227, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 227, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 227, 0);  
box-shadow:4px 4px 4px 4px rgb(102, 227,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.0019, -55.6196, 45.8583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 227, 0) }
```

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

```
.background{ background-color: rgb(102,  
227, 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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