

# Converting Colors

HunterLab(76.1617, -50.1930,  
46.0518)

Have a look what the booklet for  
HunterLab(76.1617, -50.1930,  
46.0518) contains.

<b>HunterLab(76.0417, -49.9561, 45.9819)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(76.0417,  
-49.9561, 45.9819)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FE000
RGB	127, 224, 0
RGB Percent	50%, 88%, 0%
CMY	0.5020, 0.1216, 0.9999
CMYK	0.43, 0.00, 1.00, 0.12
HSL	86°, 100%, 44%
HSV	86°, 100%, 88%
XYZ	35.4081, 57.8234, 9.2949
YIQ	169.4610, 14.0920, -90.2280

# Conversions

## Conversions Part 2

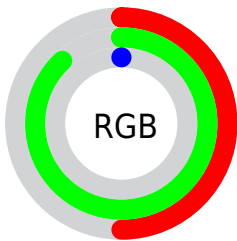
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 224, 97
Decimal	8380416
CIELab	80.64, -56.79, 78.56
CIELCh	81, 96.932, 125.861
Yxy	57.8259, 0.3454, 0.5640
Android (android.graphics.Color)	4286570496 (0xFF7FE000)
YUV	169.4610, -83.5443, -37.2383
Hunter-Lab	76.0417, -49.9561, 45.9819

# Details

The HunterLab color **76.0417, -49.9561, 45.9819** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **28.1536, 67.3236, -129.9938**, and the grayscale version is **63.5118, -3.3888, 3.4507**.

A 20% lighter version of the original color is **90.9796, -45.4710, 49.3890**, and **53.9400, -41.0602, 32.5188** is the 20% darker color. If you saturate the color by 10%, you get **76.0426, -49.9609, 45.9824**, and if you desaturate by 10%, it is **76.5941, -47.6410, 45.7582**.

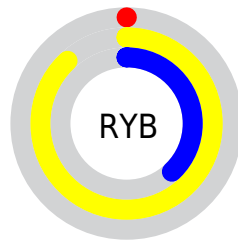
# Distribution



Red (50%)

Green (88%)

Blue (0%)



Red (0%)

Yellow (88%)

Blue (38%)

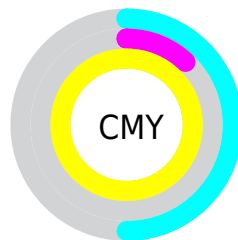


Cyan (43%)

Magenta (0%)

Yellow (100%)

Black (12%)



Cyan (50%)

Magenta (12%)


Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.0417, -49.9561, 45.9819 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 76.0417, -49.9561, 45.9819 by changing the saturation by 10% instead.





 76.0417, -49.9561,  
45.9819


 76.0417, -49.9561,  
45.9819


204.0924,  
-79.1702, 85.9630

 64.5513, -46.1940,  
40.7446


 100.8312,  
-57.0498, 55.8522


 53.7047, -42.2407,  
35.2815


 114.0720,  
-60.4259, 60.5259


 43.5446, -38.0488,  
29.6477


 127.8465,  
-63.7117, 65.0510

 34.1208, -33.5488,  
23.8846

 142.1347,  
-66.9204, 69.4442

 25.4963, -28.6377,  
17.8474

 156.9188,  
-70.0625, 73.7201

 17.7533, -23.1679,  
12.4273

 172.1826,

 11.0068, -19.2619,

-73.1468, 77.8914

7.7048

187.9116,  
-76.1806, 81.9691

■ 2.6658, -4.6651,  
1.8660

0.0000, NaN, NaN

■ 76.0417, -49.9561,  
45.9819

■ 76.0417, -49.9561,  
45.9819

■ 76.0426, -49.9609,  
45.9824

■ 76.5941, -47.6410,  
45.7582

■ 77.2335, -44.8995,  
44.9119

■ 77.9746, -41.6645,  
43.2523

■ 78.8239, -37.9115,  
40.6926

■ 79.7856, -33.6304,  
37.1757

■ 80.8627, -28.8219,  
32.6684

■ 82.0567, -23.4954,  
27.1566

■ 83.3682, -17.6672,  
20.6421

■ 84.7967, -11.3590,  
13.1405

# Harmonies

## Analogous

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



76.0433, -13.0424, 49.5594



76.0417, -49.9561, 45.9819



76.0433, -70.0327, 31.5014

# Triad

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



76.0433, -49.9577, 45.9822



76.0433, -37.4989, -122.8948



76.0433, 107.8704, 12.3792

# Complementary

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



76.0417, -49.9561, 45.9819



28.1536, 67.3236, -129.9938

# 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.



76.0433, 96.8149, -39.8932



76.0417, -49.9561, 45.9819



76.0433, 5.3564, -139.9229

# Square

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



76.0433, -49.9577, 45.9822



76.0433, -64.1526, -65.0998



76.0433, 56.2196, -103.1752



76.0433, 83.5596, 39.1681



# Rectangle

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



76.0417, -49.9561, 45.9819



76.0433, -74.6549, 10.0663



76.0433, 56.2196, -103.1752



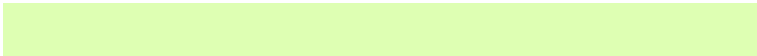
76.0433, 108.2285, -2.3070

# Sweetspot

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



76.0433, -49.9577, 45.9822



95.0069, -27.3622, 31.6141



48.7229, 41.8158, 30.7537



43.6758, -13.9018, 15.9410

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



76.0433, -49.9577, 45.9822



88.0338, -58.0326, 53.2301



73.1090, -62.2146, 43.9595



39.6468, -5.1406, 5.9359



58.0739, -37.8730, 35.1218



15.4606, -9.2778, 9.3643



# Inverse Universe

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



28.1536, 67.3236, -129.9938



32.5016, 77.8736, -151.1946



42.9073, 86.0189, -69.5064



36.7861, 1.1914, -2.1129



21.6277, 51.5219, -98.3009

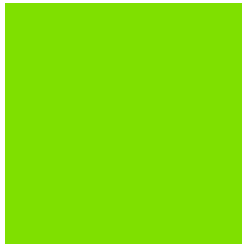


6.1351, 14.0457, -23.4704



# Previews

## White Background



This preview shows how the HunterLab color 76.0417, -49.9561, 45.9819 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 76.0417, -49.9561, 45.9819 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 76.0417, -49.9561, 45.9819 Background



This preview shows how black text looks on a background with the HunterLab color 76.0417, -49.9561, 45.9819.



This preview shows how white text looks on a background with the HunterLab color 76.0417, -49.9561, 45.9819.

-49.9561, 45.9819.

# 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

76.0417, -49.9561, 45.9819

### Protanopia

75.2955, -10.4750, 46.2134

### Deuteranopia

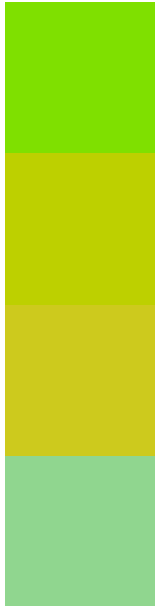
75.4378, 5.4489, 44.6286



## Tritanopia

75.7747, -16.0639, -9.3265

# Trichromacy



## Original Color

76.0417, -49.9561, 45.9819

## Protanomaly

74.7867, -26.9510, 45.6114

## Deuteranomaly

74.3700, -18.4939, 44.5760

## Tritanomaly

74.8369, -34.3499, 24.9247

# Monochromacy



## Original Color

76.0417, -49.9561, 45.9819

## Achromatopsia

62.9885, -3.3609, 3.4223

## Achromatomaly

66.5942, -24.7873, 27.9699

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.0417, -49.9561, 45.9819 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(127, 224, 0)` looks like.

```
.text, #text, p{  
    color:rgb(127, 224, 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(127, 224, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 224, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.0417, -49.9561, 45.9819 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(127, 224, 0) }
```



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

```
.border{ border-color:rgb(127, 224, 0) }
```

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

Here you see how a box with a 4 pixel rgb(127, 224, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 224, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 224, 0);  
box-shadow:4px 4px 4px 4px rgb(127, 224,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 76.0417, -49.9561, 45.9819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 224, 0) }
```

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

```
.background{ background-color: rgb(127,  
224, 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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