

# Converting Colors

HunterLab(68.5023, -44.7094,  
41.4281)

Have a look what the booklet for  
HunterLab(68.5023, -44.7094,  
41.4281) contains.

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# Color

**HunterLab(68.4827,  
-44.7896, 41.4146)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74CC00
RGB	116, 204, 0
RGB Percent	45%, 80%, 0%
CMY	0.5451, 0.2000, 0.9999
CMYK	0.43, 0.00, 1.00, 0.20
HSL	86°, 100%, 40%
HSV	86°, 100%, 80%
XYZ	28.7954, 46.8988, 7.5347
YIQ	154.4320, 13.0360, -82.1000

# Conversions

## Conversions Part 2

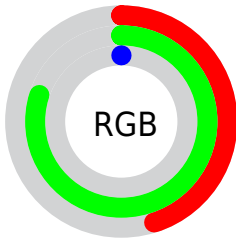
Format	Color
<b>RYB</b>	0, 204, 88
Decimal	7654400
CIELab	74.13, -52.66, 73.28
CIELCh	74, 90.234, 125.702
Yxy	46.9008, 0.3460, 0.5635
Android (android.graphics.Color)	4285844480 (0xFF74CC00)
YUV	154.4320, -76.1350, -33.7049
Hunter-Lab	68.4827, -44.7896, 41.4146

# Details

The HunterLab color **68.4827, -44.7896, 41.4146** 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 **25.3702, 60.6263, -116.8170**, and the grayscale version is **57.3190, -3.0584, 3.1143**.

A 20% lighter version of the original color is **90.1350, -48.8911, 49.4339**, and **47.2008, -36.2044, 28.4511** is the 20% darker color. If you saturate the color by 10%, you get **68.4836, -44.7934, 41.4151**, and if you desaturate by 10%, it is **68.9818, -42.6944, 41.1728**.

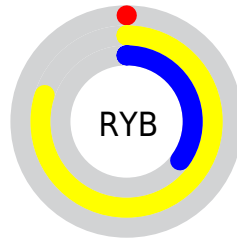
# Distribution



Red (45%)

Green (80%)

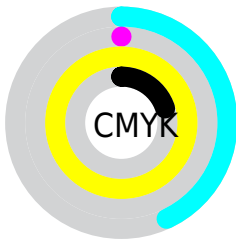
Blue (0%)



Red (0%)

Yellow (80%)

Blue (35%)

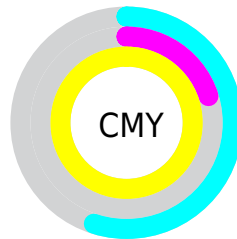


Cyan (43%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (55%)

Magenta (20%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.4827, -44.7896, 41.4146 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 68.4827, -44.7896, 41.4146 by changing the saturation by 10% instead.



68.4827, -44.7896,  
41.4146

68.4827, -44.7896,  
41.4146

193.4990,  
-72.7030, 79.7317

57.4084, -41.1691,  
36.3483

92.5017, -51.5894,  
50.9230

47.0039, -37.3490,  
31.0475

105.3829,  
-54.8173, 55.4101

37.3173, -33.2747,  
25.8106

118.8121,  
-57.9558, 59.7472

28.4061, -28.8637,  
19.8843

132.7677,  
-61.0185, 63.9523

20.3449, -23.9888,  
14.2415

147.2306,  
-64.0163, 68.0408

13.2352, -20.4516,  
9.2647

162.1836,

6.7587, -11.8278,

-66.9582, 72.0261

4.7311

177.6111,  
-69.8517, 75.9198

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.4827, -44.7896,  
41.4146

■ 68.4827, -44.7896,  
41.4146

■ 68.4836, -44.7934,  
41.4151

■ 68.9818, -42.6944,  
41.1728

■ 69.5575, -40.2238,  
40.3823

■ 70.2238, -37.3140,  
38.8639

■ 70.9861, -33.9439,  
36.5419

■ 71.8484, -30.1050,

33.3668

■ 72.8131, -25.7980,  
29.3096

■ 73.8814, -21.0312,  
24.3580

■ 75.0540, -15.8191,  
18.5140

■ 76.3305, -10.1808,  
11.7911

# Harmonies

## Analogous

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



68.4842, -11.5176, 44.6122



68.4827, -44.7896, 41.4146



68.4842, -62.9307, 28.4505

# Triad

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



68.4842, -44.7910, 41.4149



68.4842, -33.8907, -110.1752



68.4842, 96.9615, 10.9468

# Complementary

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



68.4827, -44.7896, 41.4146



25.3702, 60.6263, -116.8170

# 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.



68.4842, 86.8591, -36.1405



68.4827, -44.7896, 41.4146



68.4842, 4.5732, -125.7231

# Square

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



68.4842, -44.7910, 41.4149



68.4842, -57.7843, -58.1697



68.4842, 50.2844, -92.9467



68.4842, 75.2723, 35.1632

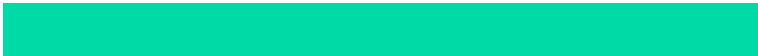


# Rectangle

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



68.4827, -44.7896, 41.4146



68.4842, -67.1380, 9.2526



68.4842, 50.2844, -92.9467



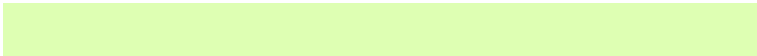
68.4842, 97.2236, -2.2994

# Sweetspot

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



68.4842, -44.7910, 41.4149



95.0175, -27.3226, 31.6243



43.9744, 37.3223, 27.7493



43.6813, -13.8812, 15.9461

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



68.4842, -44.7910, 41.4149



88.0558, -57.9427, 53.2452



65.8082, -55.9641, 39.5703



35.8419, -4.6128, 5.3313



54.3820, -35.3265, 32.8915



12.5299, -7.3043, 7.5930



# Inverse Universe

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



25.3702, 60.6263, -116.8170



32.4593, 77.8301, -151.4465



38.6341, 77.4432, -62.5122



33.2817, 1.0385, -1.8675



20.2558, 48.2351, -91.9202

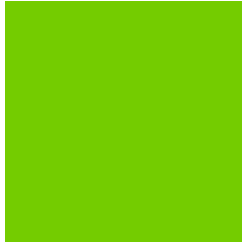


5.0616, 11.4648, -18.4087



# Previews

## White Background



This preview shows how the HunterLab color 68.4827, -44.7896, 41.4146 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

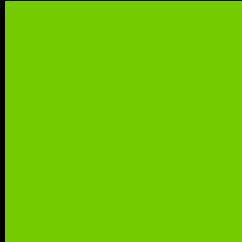
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 68.4827, -44.7896, 41.4146 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

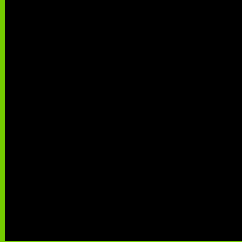
Any Text WCAG AA ✓ Pass

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 68.4827, -44.7896, 41.4146 Background



This preview shows how black text looks on a background with the HunterLab color 68.4827, -44.7896, 41.4146.



This preview shows how white text looks on a background with the HunterLab color 68.4827, -44.7896, 41.4146.

-44.7896, 41.4146.

# 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

68.4827, -44.7896, 41.4146

### Protanopia

68.0392, -9.8532, 41.7529

### Deuteranopia

67.9405, 4.9751, 40.1210



## Tritanopia

68.4179, -14.7255, -8.1509

# Trichromacy



## Original Color

68.4827, -44.7896, 41.4146

## Protanomaly

67.5260, -24.5225, 41.1799

## Deuteranomaly

67.0227, -16.5632, 40.1445

## Tritanomaly

67.4294, -30.8963, 22.4390

# Monochromacy



## Original Color

68.4827, -44.7896, 41.4146

## Achromatopsia

56.8457, -3.0331, 3.0885

## Achromatomaly

59.9686, -22.2791, 25.1378

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 68.4827, -44.7896, 41.4146 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(116, 204, 0)` looks like.

```
.text, #text, p{  
    color:rgb(116, 204, 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(116, 204, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 204, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 68.4827, -44.7896, 41.4146 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(116, 204, 0) }
```



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

```
.border{ border-color:rgb(116, 204, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 204, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 204, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 204, 0);  
box-shadow:4px 4px 4px 4px rgb(116, 204,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 68.4827, -44.7896, 41.4146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 204, 0) }
```

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

```
.background{ background-color: rgb(116,  
204, 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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