

# Converting Colors

HunterLab(68.9381, -56.8311,  
41.4844)

Have a look what the booklet for  
HunterLab(68.9381, -56.8311,  
41.4844) contains.

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# Color

**HunterLab(69.0589,  
-56.9690, 41.5564)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2FD400
RGB	47, 212, 0
RGB Percent	18%, 83%, 0%
CMY	0.8157, 0.1686, 0.9999
CMYK	0.78, 0.00, 1.00, 0.17
HSL	107°, 100%, 42%
HSV	107°, 100%, 83%
XYZ	24.7158, 47.6913, 7.9027
YIQ	138.4970, -30.2880, -100.9120

# Conversions

## Conversions Part 2

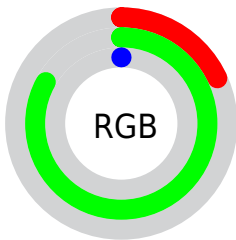
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 212, 165
Decimal	3134464
CIELab	74.63, -71.51, 72.83
CIELCh	75, 102.066, 134.474
Yxy	47.6933, 0.3078, 0.5938
Android (android.graphics.Color)	4281324544 (0xFF2FD400)
YUV	138.4970, -68.2790, -80.2429
Hunter-Lab	69.0589, -56.9690, 41.5564

# Details

The HunterLab color **69.0589, -56.9690, 41.5564** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **35.7170, 74.4710, -80.0887**, and the grayscale version is **50.8854, -2.7151, 2.7647**.

A 20% lighter version of the original color is **87.3816, -59.9931, 47.2411**, and **48.7616, -41.8131, 29.3147** is the 20% darker color. If you saturate the color by 10%, you get **69.0599, -56.9718, 41.5570**, and if you desaturate by 10%, it is **69.4387, -55.2883, 41.2046**.

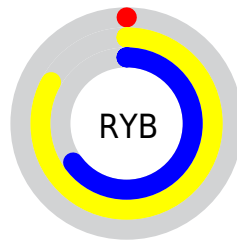
# Distribution



Red (18%)

Green (83%)

Blue (0%)



Red (0%)

Yellow (83%)

Blue (65%)

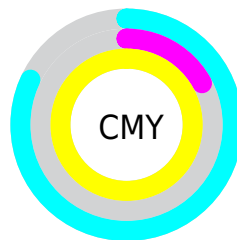


Cyan (78%)

Magenta (0%)

Yellow (100%)

Black (17%)



Cyan (82%)

Magenta (17%)


Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.0589, -56.9690, 41.5564 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 69.0589, -56.9690, 41.5564 by changing the saturation by 10% instead.





 69.0589, -56.9690,  
41.5564

 69.0589, -56.9690,  
41.5564


194.3129,  
-93.1235, 79.6067


 57.9518, -52.1522,  
36.5285


 93.1384, -65.9333,  
50.9931


 47.5124, -47.0404,  
31.2669


 106.0478,  
-70.1526, 55.4474


 37.7882, -41.5574,  
25.9998


 119.5041,  
-74.2325, 59.7536

 28.8362, -35.5939,  
20.1854

 133.4858,  
-78.1930, 63.9295

 20.7301, -28.9915,  
14.5110

 147.9738,  
-82.0503, 67.9905

 13.5693, -23.7462,  
9.4985

 162.9511,

 7.1602, -12.5304,

-85.8174, 71.9497

5.0122

178.4022,  
-89.5054, 75.8185

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.0589, -56.9690,  
41.5564

■ 69.0589, -56.9690,  
41.5564

■ 69.0599, -56.9718,  
41.5570

■ 69.4387, -55.2883,  
41.2046


■ 69.9749, -52.8703,  
40.3024


■ 70.6889, -49.6261,  
38.6674


■ 71.5915, -45.5274,  
36.2292


■ 72.6894, -40.5740,

32.9520

 73.9862, -34.7883,  
28.8276

 75.4827, -28.2111,  
23.8711

 77.1773, -20.8970,  
18.1151

 79.0664, -12.9098,  
11.6059

# Harmonies

## Analogous

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



69.0603, -25.1763, 46.1284



69.0589, -56.9690, 41.5564



69.0603, -71.7684, 23.2933

# Triad

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



69.0603, -56.9700, 41.5566



69.0603, -26.5917, -144.5021



69.0603, 109.6256, 22.2239

# Complementary

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



69.0589, -56.9690, 41.5564



35.7170, 74.4710, -80.0887

# 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.



69.0603, 108.9414, -23.9519



69.0589, -56.9690, 41.5564



69.0603, 20.7971, -145.6059

# Square

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



69.0603, -56.9700, 41.5566



69.0603, -57.7622, -89.7255



69.0603, 73.1467, -92.1483



69.0603, 74.8196, 41.2283



# Rectangle

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



69.0589, -56.9690, 41.5564



69.0603, -73.4679, -3.4092



69.0603, 73.1467, -92.1483



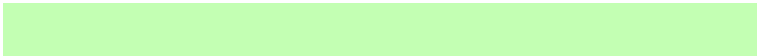
69.0603, 113.7872, 10.2329

# Sweetspot

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



69.0603, -56.9700, 41.5566



92.9607, -35.0500, 29.6365



63.2692, 2.6061, 39.0311



42.6320, -17.8609, 14.9658

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



69.0603, -56.9700, 41.5566



85.0737, -70.3666, 51.1901



68.8332, -57.5147, 38.1236



37.4531, -5.8863, 5.3074



54.2942, -44.6194, 32.6747



13.4733, -10.3710, 8.1206



# Inverse Universe

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



35.7170, 74.4710, -80.0887



43.9239, 91.6580, -99.0345



40.4732, 75.1946, -19.4800



35.3376, 2.1654, -1.5718



28.1432, 58.6230, -62.6423

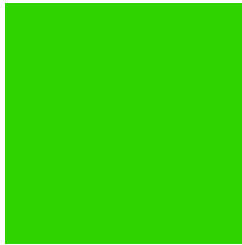


7.1606, 14.7345, -14.5336



# Previews

## White Background



This preview shows how the HunterLab color 69.0589, -56.9690, 41.5564 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

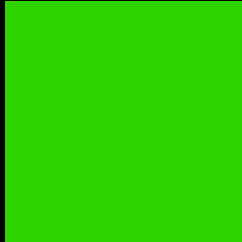
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 69.0589, -56.9690, 41.5564 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 69.0589, -56.9690, 41.5564 Background



This preview shows how black text looks on a background with the HunterLab color 69.0589, -56.9690, 41.5564.



This preview shows how white text looks on a background with the HunterLab color 69.0589, -56.9690, 41.5564.

-56.9690, 41.5564.

# 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

69.0589, -56.9690, 41.5564

### Protanopia

68.1433, -9.4819, 41.8236

### Deuteranopia

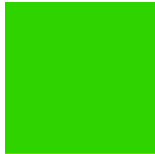
68.3684, 5.0231, 39.9747



## Tritanopia

68.7992, -24.3668, -12.2828

# Trichromacy



## Original Color

69.0589, -56.9690, 41.5564



## Protanomaly

66.6602, -32.8878, 40.4999



## Deuteranomaly

65.8907, -25.6498, 39.1066



## Tritanomaly

67.5876, -42.2464, 20.4746

# Monochromacy



## Original Color

69.0589, -56.9690, 41.5564



## Achromatopsia

50.8117, -2.7112, 2.7607



## Achromatomaly

55.7146, -29.1260, 23.9962

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 69.0589, -56.9690, 41.5564 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(47, 212, 0)` looks like.

```
.text, #text, p{  
    color:rgb(47, 212, 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(47, 212, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 212, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 69.0589, -56.9690, 41.5564 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(47, 212, 0) }
```



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

```
.border{ border-color:rgb(47, 212, 0) }
```

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

Here you see how a box with a 4 pixel rgb(47, 212, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 212, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 212, 0);  
box-shadow:4px 4px 4px 4px rgb(47, 212, 0)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 69.0589, -56.9690, 41.5564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 212, 0) }
```

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

```
.background{ background-color: rgb(47, 212,  
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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