

# Converting Colors

HunterLab(77.2893, -58.1349,  
41.5820)

Have a look what the booklet for  
HunterLab(77.2893, -58.1349,  
41.5820) contains.

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# Color

**HunterLab(77.4319,  
-58.3122, 41.7316)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51E84A
RGB	81, 232, 74
RGB Percent	32%, 91%, 29%
CMY	0.6824, 0.0902, 0.7098
CMYK	0.65, 0.00, 0.68, 0.09
HSL	117°, 77%, 60%
HSV	117°, 68%, 91%
XYZ	33.4860, 59.9570, 16.2866
YIQ	168.8390, -39.2780, -81.1500

# Conversions

## Conversions Part 2

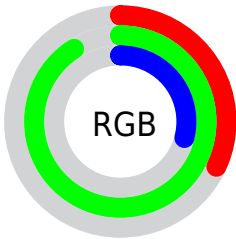
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 232, 225
Decimal	5367882
CIELab	81.82, -68.48, 62.48
CIELCh	82, 92.698, 137.623
Yxy	59.9595, 0.3052, 0.5464
Android (android.graphics.Color)	4283557962 (0xFF51E84A)
YUV	168.8390, -46.7556, -77.0348
Hunter-Lab	77.4319, -58.3122, 41.7316

# Details

The HunterLab color **77.4319, -58.3122, 41.7316** is a dark color, and the websafe version is hex **66FF66**. The color can be described as dark muted green. A complement of this color would be **51.7048, 75.4669, -54.3660**, and the grayscale version is **63.1220, -3.3680, 3.4295**.

A 20% lighter version of the original color is **89.0701, -52.0194, 39.9158**, and **55.3714, -47.4810, 33.2884** is the 20% darker color. If you saturate the color by 10%, you get **76.7317, -61.5968, 43.8007**, and if you desaturate by 10%, it is **78.4069, -53.8012, 38.7821**.

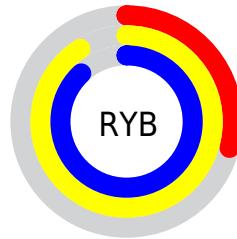
# Distribution



Red (32%)

Green (91%)

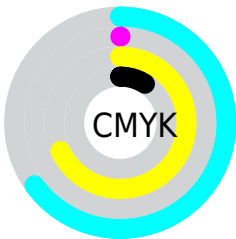
Blue (29%)



Red (29%)

Yellow (91%)

Blue (88%)

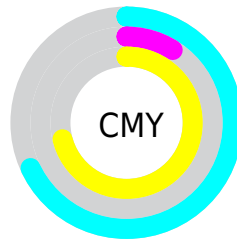


Cyan (65%)

Magenta (0%)

Yellow (68%)

Black (9%)



Cyan (68%)

Magenta (9%)


Yellow (71%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.4319, -58.3122, 41.7316 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 77.4319, -58.3122, 41.7316 by changing the saturation by 10% instead.





 77.4319, -58.3122,  
41.7316


 77.4319, -58.3122,  
41.7316


206.0215,  
-92.4112, 74.3009

 65.8680, -53.8583,  
37.4919


 102.3577,  
-66.6709, 49.7138

 54.9437, -49.1650,  
33.0500


 115.6623,  
-70.6313, 53.5004

 44.7006, -44.1753,  
28.3769


 129.4981,  
-74.4747, 57.1748

 35.1874, -38.8077,  
23.4982

 143.8454,  
-78.2172, 60.7517

 26.4652, -32.9452,  
18.5256

 158.6866,  
-81.8720, 64.2431

 18.6136, -26.5907,  
13.0295

174.0058,

 11.7425, -20.5493,

-85.4501, 67.6594

8.2197

189.7885,  
-88.9605, 71.0095

■ 4.4840, -7.8470,  
3.1388

0.0000, NaN, NaN

■ 77.4319, -58.3122,  
41.7316

■ 77.4319, -58.3122,  
41.7316

■ 76.7317, -61.5968,  
43.8007

■ 78.4069, -53.8012,  
38.7821

■ 76.2788, -63.7218,  
45.0523


■ 79.6667, -48.0435,  
34.9283


■ 76.0412, -64.8313,  
45.6226


■ 81.2210, -41.0686,  
30.1828


■ 76.0144, -64.9583,  
45.7025

■ 83.0726, -32.9418,  
24.5860

 85.2190, -23.7556,  
18.1996

 87.6542, -13.6199,  
11.0994

 90.3687, -2.6529,  
3.3686

 92.8416, 7.0027,  
-3.0867

# Harmonies

## Analogous

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



77.4335, -28.6618, 48.8073



77.4319, -58.3122, 41.7316



77.4335, -71.8982, 19.8835

# Triad

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



77.4335, -58.3134, 41.7320



77.4335, -21.8478, -127.2591



77.4335, 96.9626, 25.2477

# Complementary

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



77.4319, -58.3122, 41.7316



51.7048, 75.4669, -54.3660

# 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.



77.4335, 99.9783, -15.6170



77.4319, -58.3122, 41.7316



77.4335, 23.8825, -122.6864

# Square

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



77.4335, -58.3134, 41.7320



77.4335, -54.3123, -84.7481



77.4335, 70.8346, -74.4672



77.4335, 63.3502, 43.7287



# Rectangle

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



77.4319, -58.3122, 41.7316



77.4335, -72.6648, -7.5358



77.4335, 70.8346, -74.4672



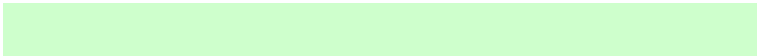
77.4335, 101.8251, 14.3712

# Sweetspot

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



77.4335, -58.3134, 41.7320



94.3601, -28.5800, 21.7491



84.2725, -17.8471, 47.0571



43.3362, -14.5827, 11.0091

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



77.4335, -58.3134, 41.7320



85.1664, -69.7422, 49.4659



78.2428, -52.9679, 26.9542



40.1490, -6.9148, 5.5619



56.6490, -48.3452, 34.0605



15.4344, -12.9924, 9.2832



# Inverse Universe

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



51.7048, 75.4669, -54.3660



53.5842, 95.9038, -69.9847



49.6233, 64.7912, -8.5222



38.1851, 2.9620, -1.4860



34.4199, 68.3420, -50.6012

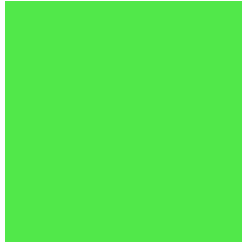


9.4106, 18.6557, -13.6071



# Previews

## White Background



This preview shows how the HunterLab color 77.4319, -58.3122, 41.7316 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 77.4319, -58.3122, 41.7316 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 77.4319, -58.3122, 41.7316 Background



This preview shows how black text looks on a background with the HunterLab color 77.4319, -58.3122, 41.7316.



This preview shows how white text looks on a background with the HunterLab color 77.4319, -58.3122, 41.7316.

-58.3122, 41.7316.

# 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

77.4319, -58.3122, 41.7316

### Protanopia

76.6832, -9.7352, 43.0962

### Deuteranopia

76.6341, 5.7279, 40.1789



## Tritanopia

77.2212, -25.2250, -12.6248

# Trichromacy



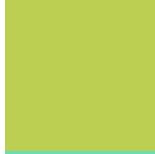
## Original Color

77.4319, -58.3122, 41.7316



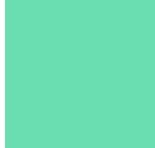
## Protanomaly

75.4337, -32.3823, 41.4897



## Deuteranomaly

74.8792, -24.0987, 39.2385



## Tritanomaly

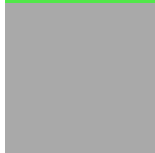
76.4469, -40.6137, 14.5392

# Monochromacy



## Original Color

77.4319, -58.3122, 41.7316



## Achromatopsia

62.9885, -3.3609, 3.4223



## Achromatomaly

66.8871, -27.7339, 20.7375

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 77.4319, -58.3122, 41.7316 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(81, 232, 74)` looks like.

```
.text, #text, p{  
    color:rgb(81, 232, 74)  
}
```

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(81, 232, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 232, 74) }
```

## Border

The CSS property to change the border of an element to HunterLab 77.4319, -58.3122, 41.7316 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(81, 232, 74) }
```



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

```
.border{ border-color:rgb(81, 232, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 232, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 232, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 232, 74);  
box-shadow:4px 4px 4px 4px rgb(81, 232,  
74) }
```

# Background

The CSS property to change the background color of an element to HunterLab 77.4319, -58.3122, 41.7316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 232, 74) }
```

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

```
.background{ background-color: rgb(81, 232,  
74) }
```

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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