

# Converting Colors

HunterLab(87.4539, -58.6904,  
39.5007)

Have a look what the booklet for  
HunterLab(87.4539, -58.6904,  
39.5007) contains.

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# Color

**HunterLab(87.4478,  
-58.7130, 39.4741)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70FF7E
RGB	112, 255, 126
RGB Percent	44%, 100%, 49%
CMY	0.5608, 0.0000, 0.5059
CMYK	0.56, 0.00, 0.51, 0.00
HSL	126°, 100%, 72%
HSV	126°, 56%, 100%
XYZ	46.2080, 76.4712, 32.0637
YIQ	197.5370, -43.8190, -70.4350

# Conversions

## Conversions Part 2

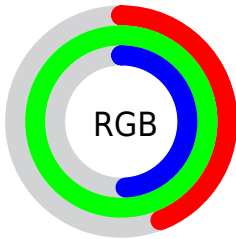
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 242, 255
Decimal	7405438
CIELab	90.08, -64.08, 49.83
CIELCh	90, 81.172, 142.129
Yxy	76.4713, 0.2986, 0.4942
Android (android.graphics.Color)	4285595518 (0xFF70FF7E)
YUV	197.5370, -35.2677, -75.0159
Hunter-Lab	87.4478, -58.7130, 39.4741

# Details

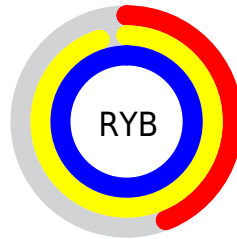
The HunterLab color  $87.4478, -58.7130, 39.4741$  is a light color, and the websafe version is hex  $66FF66$ . A complement of this color would be  $62.6093, 69.7939, -39.0036$ , and the grayscale version is  $75.1093, -4.0076, 4.0808$ .

A 20% lighter version of the original color is  $91.5723, -40.2616, 27.4169$ , and  $63.8949, -50.4447, 32.6396$  is the 20% darker color. If you saturate the color by 10%, you get  $86.3143, -64.0022, 43.2515$ , and if you desaturate by 10%, it is  $88.9106, -52.0313, 34.9125$ .

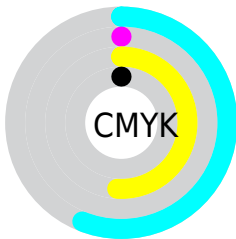
# Distribution



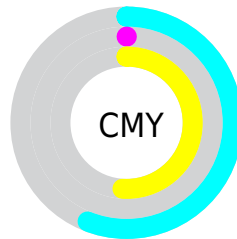
- Red (44%)
- Green (100%)
- Blue (49%)



- Red (44%)
- Yellow (95%)
- Blue (100%)



- Cyan (56%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)




- Cyan (56%)
- Magenta (0%)
- Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.4478, -58.7130, 39.4741 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 87.4478, -58.7130, 39.4741 by changing the saturation by 10% instead.





 87.4478, -58.7130,  
39.4741

 87.4478, -58.7130,  
39.4741


219.7634,  
-90.2737, 65.9052


 75.3784, -54.6768,  
36.1323


 113.3106,  
-66.3502, 45.8230

 63.9218, -50.4568,  
32.6516


 127.0555,  
-69.9958, 48.8646

 53.1128, -46.0106,  
29.0032


 141.3152,  
-73.5477, 51.8345

 42.9928, -41.2808,  
25.1523

156.0717,  
-77.0185, 54.7426

 33.6123, -36.1868,  
21.0591

171.3089,  
-80.4184, 57.5972

 25.0351, -30.6100,  
17.1889

187.0120,

 17.3449, -24.7096,

-83.7563, 60.4054

12.1414

203.1676,  
-87.0393, 63.1730

■ 10.6590, -18.6533,  
7.4613

■ 0.9275, -1.6231,  
0.6492

■ 87.4478, -58.7130,  
39.4741

■ 87.4478, -58.7130,  
39.4741

■ 86.3143, -64.0022,  
43.2515

■ 88.9106, -52.0313,  
34.9125

■ 85.4934, -67.9098,  
46.2288


■ 90.7114, -44.0002,  
29.6122


■ 84.9597, -70.5042,  
48.4166

■ 92.8525, -34.7010,  
23.6353

■ 84.6758, -71.9269,  
49.8584

■ 95.3305, -24.2449,  
17.0579

 84.6109, -72.2583,  
50.2286

 98.1377, -12.7605,  
9.9628

100.0000, -5.3358,  
5.4332

# Harmonies

## Analogous

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



87.4479, -32.4889, 49.6857



87.4478, -58.7130, 39.4741



87.4479, -69.9847, 14.4411

# Triad

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



87.4479, -58.7125, 39.4733



87.4479, -15.2311, -107.2295



87.4479, 81.2224, 28.6042

# Complementary

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



87.4478, -58.7130, 39.4741



62.6093, 69.7939, -39.0036

# 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.



87.4479, 88.1725, -6.1724



87.4478, -58.7130, 39.4741



87.4479, 27.1284, -97.4192

# Square

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



87.4479, -58.7125, 39.4733



87.4479, -48.0837, -77.7909



87.4479, 66.8534, -55.0979



87.4479, 49.3153, 45.7349



# Rectangle

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



87.4478, -58.7130, 39.4741



87.4479, -69.2905, -12.5512



87.4479, 66.8534, -55.0979



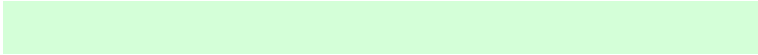
87.4479, 86.7660, 19.1259

# Sweetspot

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



87.4479, -58.7125, 39.4733



95.0881, -25.2540, 17.6873



95.7911, -26.6183, 49.0718



43.7523, -12.6867, 8.8102

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.4479, -58.7125, 39.4733



86.2259, -64.4197, 43.5595



88.8391, -50.3046, 19.2393



44.9411, -7.7738, 5.7585



61.1693, -52.1837, 36.1933



19.1111, -16.1322, 10.9376



# Inverse Universe

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



62.6093, 69.7939, -39.0036



58.1489, 82.0976, -45.4203



59.8424, 57.6635, -0.5781



42.7410, 3.3484, -1.1041



37.5599, 72.3060, -37.6161

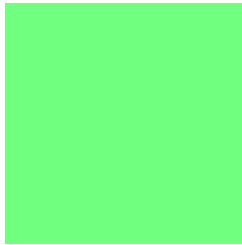


11.7564, 22.6891, -12.2168



# Previews

## White Background



This preview shows how the HunterLab color 87.4478, -58.7130, 39.4741 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

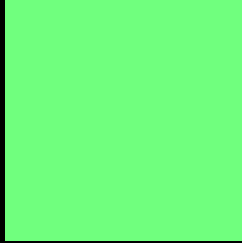
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.4478, -58.7130, 39.4741 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

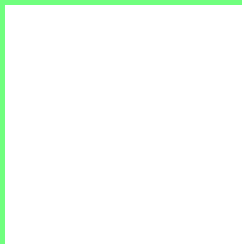
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 87.4478, -58.7130, 39.4741 Background



This preview shows how black text looks on a background with the HunterLab color 87.4478, -58.7130, 39.4741.



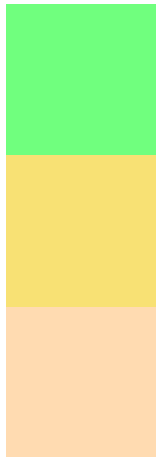
This preview shows how white text looks on a background with the HunterLab color 87.4478,

-58.7130, 39.4741.

# 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

87.4478, -58.7130, 39.4741

### Protanopia

86.6417, -9.9033, 41.9079

### Deuteranopia

86.6587, 1.8177, 24.9722



## Tritanopia

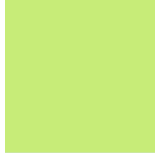
87.0287, -23.2431, -11.2336

# Trichromacy



## Original Color

87.4478, -58.7130, 39.4741



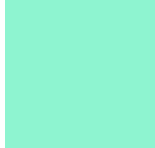
## Protanomaly

85.7258, -31.4609, 39.9834



## Deuteranomaly

85.3688, -24.6575, 29.7062



## Tritanomaly

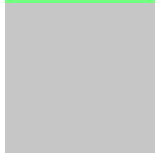
86.6061, -38.4270, 11.8408

# Monochromacy



## Original Color

87.4478, -58.7130, 39.4741



## Achromatopsia

75.1473, -4.0097, 4.0829



## Achromatomaly

78.6493, -27.0758, 18.5666

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.4478, -58.7130, 39.4741 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(112, 255, 126)` looks like.

```
.text, #text, p{  
    color:rgb(112, 255, 126)  
}
```

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(112, 255, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 255, 126) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.4478, -58.7130, 39.4741 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(112, 255, 126) }
```



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

```
.border{ border-color:rgb(112, 255, 126) }
```

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

Here you see how a box with a 4 pixel rgb(112, 255, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 255, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 255, 126);  
box-shadow:4px 4px 4px 4px rgb(112, 255,  
126) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.4478, -58.7130, 39.4741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 255, 126) }
```

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

```
.background{ background-color: rgb(112,  
255, 126) }
```

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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