

# Converting Colors

HunterLab(86.6249, -54.5794,  
38.6796)

Have a look what the booklet for  
HunterLab(86.6249, -54.5794,  
38.6796) contains.

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# Color

**HunterLab(86.6249,  
-54.5794, 38.6796)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FFB7F
RGB	127, 251, 127
RGB Percent	50%, 98%, 50%
CMY	0.5020, 0.0157, 0.5019
CMYK	0.49, 0.00, 0.49, 0.02
HSL	120°, 94%, 74%
HSV	120°, 49%, 98%
XYZ	47.0804, 75.0387, 32.0812
YIQ	199.7880, -34.1000, -64.8520

# Conversions

## Conversions Part 2

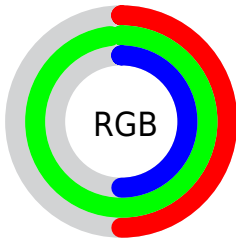
Format	Color
<a href="#">RYB</a>	<a href="#">127, 251, 251</a>
Decimal	<a href="#">8387455</a>
CIELab	<a href="#">89.41, -58.75, 48.66</a>
CIElCh	<a href="#">89, 76.282, 140.365</a>
Yxy	<a href="#">75.0419, 0.3053, 0.4866</a>
Android (android.graphics.Color)	<a href="#">4286577535 (0xFF7FFB7F)</a>
YUV	<a href="#">199.7880, -35.8845, -63.8351</a>
Hunter-Lab	<a href="#">86.6249, -54.5794, 38.6796</a>

# Details

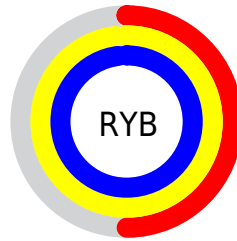
The HunterLab color **86.6249, -54.5794, 38.6796** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **65.3102, 62.7793, -41.5127**, and the grayscale version is **76.0684, -4.0588, 4.1329**.

A 20% lighter version of the original color is **92.4458, -36.8591, 27.9358**, and **63.0272, -46.8008, 31.9233** is the 20% darker color. If you saturate the color by 10%, you get **85.3075, -60.6521, 42.7851**, and if you desaturate by 10%, it is **88.2910, -47.0697, 33.6023**.

# Distribution



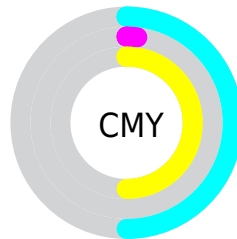
- Red (50%)
- Green (98%)
- Blue (50%)



- Red (50%)
- Yellow (98%)
- Blue (98%)



- Cyan (49%)
- Magenta (0%)
- Yellow (49%)
- Black (2%)




- Cyan (50%)
- Magenta (2%)
- Yellow (50%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.6249, -54.5794, 38.6796 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 86.6249, -54.5794, 38.6796 by changing the saturation by 10% instead.





 86.6249, -54.5794,  
38.6796


 86.6249, -54.5794,  
38.6796


218.6462,  
-84.0077, 64.6511


 74.5971, -50.8415,  
35.4003


 112.4151,  
-61.6718, 44.9144

 63.1824, -46.9367,  
31.9833


 126.1251,  
-65.0632, 47.9015

 52.4178, -42.8278,  
28.4007


 140.3512,  
-68.3718, 50.8188

 42.3453, -38.4617,  
24.6177

155.0752,  
-71.6088, 53.6761

 33.0161, -33.7629,  
20.5931

170.2809,  
-74.7837, 56.4816

 24.4950, -28.6192,  
16.7992

185.9534,

 16.8675, -23.0781,

-77.9042, 59.2422

11.8072

202.0793,  
-80.9770, 61.9637

■ 10.2538, -17.9442,  
7.1777

0.0000, NaN, NaN

■ 86.6249, -54.5794,  
38.6796

■ 86.6249, -54.5794,  
38.6796

■ 85.3075, -60.6521,  
42.7851

■ 88.2910, -47.0697,  
33.6023

■ 84.3208, -65.2646,  
45.9041

■ 90.3054, -38.1872,  
27.5982

■ 83.6450, -68.4600,  
48.0650

■ 92.6687, -28.0393,  
20.7400

■ 83.2480, -70.3510,  
49.3439

■ 95.3741, -16.7568,  
13.1164

■ 83.0725, -71.1906,  
49.9117

■ 98.4109, -4.4829,  
4.8246

■ 83.0647, -71.2279,  
49.9370

■ 98.7306, -3.2134,  
3.9670

# Harmonies

## Analogous

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



86.6267, -28.9114, 48.1612



86.6249, -54.5794, 38.6796



86.6267, -66.1926, 15.6920

# Triad

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



86.6267, -54.5808, 38.6802



86.6267, -16.6708, -97.3964



86.6267, 76.2643, 25.8154

# Complementary

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



86.6249, -54.5794, 38.6796



65.3102, 62.7793, -41.5127

# 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.



86.6267, 81.0976, -7.9170



86.6249, -54.5794, 38.6796



86.6267, 22.6679, -90.6812

# Square

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



86.6267, -54.5808, 38.6802



86.6267, -46.9689, -68.9312



86.6267, 60.0685, -53.3013



86.6267, 47.8288, 43.3044



# Rectangle

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



86.6249, -54.5794, 38.6796



86.6267, -66.0784, -8.9351



86.6267, 60.0685, -53.3013



86.6267, 80.8749, 16.4522

# Sweetspot

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



86.6267, -54.5808, 38.6802



95.5145, -23.6377, 17.7981



95.4148, -20.8402, 45.9524



43.9261, -12.0399, 8.9802

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



86.6267, -54.5808, 38.6802



86.8947, -61.5574, 43.4294



87.8543, -47.2052, 20.8170



43.9423, -7.7716, 6.0779



60.2215, -51.6399, 36.2040



18.3273, -15.7156, 11.0179



# Inverse Universe

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



65.3102, 62.7793, -41.5127



62.0415, 76.4118, -50.8419



62.7402, 51.1230, -5.9429



41.8624, 3.4629, -1.5994



38.0019, 74.7126, -50.1196

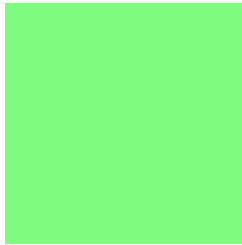


11.5651, 22.7374, -15.2530



# Previews

## White Background



This preview shows how the HunterLab color 86.6249, -54.5794, 38.6796 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 86.6249, -54.5794, 38.6796 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 86.6249, -54.5794, 38.6796 Background



This preview shows how black text looks on a background with the HunterLab color 86.6249, -54.5794, 38.6796.



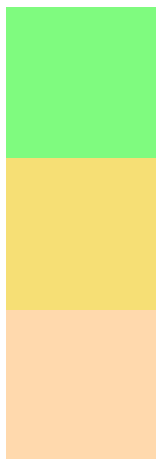
This preview shows how white text looks on a background with the HunterLab color 86.6249,

-54.5794, 38.6796.

# 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

86.6249, -54.5794, 38.6796

### Protanopia

85.8211, -9.5754, 41.0881

### Deuteranopia

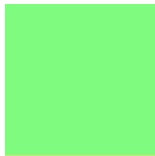
85.9668, 2.3711, 25.7470



## Tritanopia

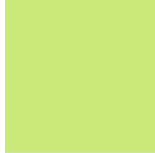
86.2433, -22.7060, -12.2952

# Trichromacy



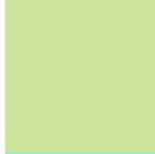
## Original Color

86.6249, -54.5794, 38.6796



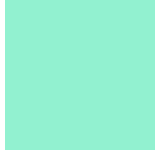
## Protanomaly

85.0616, -28.7856, 39.3021



## Deuteranomaly

84.7637, -21.9168, 29.8471



## Tritanomaly

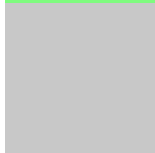
85.7763, -36.2894, 10.9716

# Monochromacy



## Original Color

86.6249, -54.5794, 38.6796



## Achromatopsia

75.9987, -4.0551, 4.1292



## Achromatomaly

79.0977, -25.3422, 18.6612

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.6249, -54.5794, 38.6796 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, 251, 127)` looks like.

```
.text, #text, p{  
    color:rgb(127, 251, 127)  
}
```

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, 251, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 251, 127) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.6249, -54.5794, 38.6796 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, 251, 127) }
```



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

```
.border{ border-color:rgb(127, 251, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 251, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 251, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 251, 127); box-shadow:4px 4px 4px 4px rgb(127, 251, 127) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.6249, -54.5794, 38.6796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 251, 127) }
```

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

```
.background{ background-color: rgb(127,  
251, 127) }
```

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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