

# Converting Colors

HunterLab(87.2003, -54.7781,  
37.8163)

Have a look what the booklet for  
HunterLab(87.2003, -54.7781,  
37.8163) contains.

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# Color

**HunterLab(87.0186,  
-54.6835, 37.7894)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EFC84
RGB	126, 252, 132
RGB Percent	49%, 99%, 52%
CMY	0.5059, 0.0117, 0.4823
CMYK	0.50, 0.00, 0.48, 0.01
HSL	123°, 95%, 74%
HSV	123°, 50%, 99%
XYZ	47.5795, 75.7224, 33.9380
YIQ	200.6460, -36.5760, -64.0320

# Conversions

## Conversions Part 2

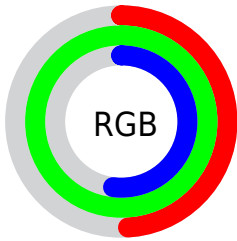
<b>Format</b>	<b>Color</b>
<b>RYB</b>	126, 246, 252
Decimal	8322180
CIELab	89.73, -58.73, 46.69
CIElCh	90, 75.027, 141.515
Yxy	75.7255, 0.3026, 0.4816
Android (android.graphics.Color)	4286512260 (0xFF7EFC84)
YUV	200.6460, -33.8425, -65.4645
Hunter-Lab	87.0186, -54.6835, 37.7894

# Details

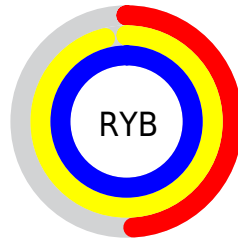
The HunterLab color **87.0186, -54.6835, 37.7894** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **65.0171, 62.5933, -38.3513**, and the grayscale version is **76.4265, -4.0779, 4.1524**.

A 20% lighter version of the original color is **92.4916, -36.4563, 26.2174**, and **63.4073, -46.9101, 31.3332** is the 20% darker color. If you saturate the color by 10%, you get **85.7098, -60.7246, 41.9361**, and if you desaturate by 10%, it is **88.6695, -47.2439, 32.7785**.

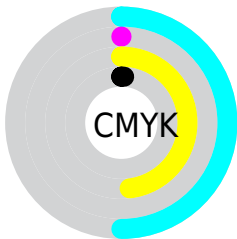
# Distribution



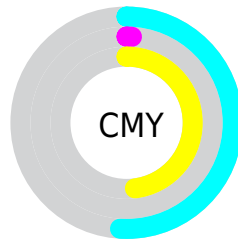
- Red (49%)
- Green (99%)
- Blue (52%)



- Red (49%)
- Yellow (96%)
- Blue (99%)



- Cyan (50%)
- Magenta (0%)
- Yellow (48%)
- Black (1%)



- Cyan (51%)
- Magenta (1%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.0186, -54.6835, 37.7894 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 87.0186, -54.6835, 37.7894 by changing the saturation by 10% instead.



87.0186, -54.6835,  
37.7894

87.0186, -54.6835,  
37.7894

219.1820,  
-84.0838, 62.9097

74.9716, -50.9514,  
34.6308

112.8445,  
-61.7667, 43.8028

63.5368, -47.0534,  
31.3423

126.5713,  
-65.1545, 46.6877

52.7509, -42.9529,  
27.8969

140.8135,  
-68.4598, 49.5076

42.6556, -38.5973,  
24.2601

155.5531,  
-71.6939, 52.2719

33.3018, -33.9120,  
20.3901

170.7739,  
-74.8662, 54.9882

24.7537, -28.7863,  
16.5620


186.4612,

17.0960, -23.2091,


-77.9844, 57.6631


11.9672


202.6013,  
-81.0551, 60.3020


 10.4476, -18.2833,  
7.3133


0.0000, NaN, NaN


 87.0186, -54.6835,  
37.7894


 87.0186, -54.6835,  
37.7894


 85.7098, -60.7246,  
41.9361


 88.6695, -47.2439,  
32.7785


 84.7255, -65.3436,  
45.1935


 90.6622, -38.4685,  
26.9527


 84.0466, -68.5793,  
47.5725


 92.9972, -28.4609,  
20.3839

 83.6423, -70.5367,  
49.1218

 95.6683, -17.3471,  
13.1566

 83.4568, -71.4506,  
49.9276

 98.6653, -5.2652,  
5.3611

 99.0474, -3.7454,  
4.3345

# Harmonies

## Analogous

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



87.0204, -29.8073, 47.7119



87.0186, -54.6835, 37.7894



87.0204, -65.6601, 14.3622

# Triad

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



87.0204, -54.6849, 37.7900



87.0204, -15.1472, -95.5816



87.0204, 74.1067, 26.5287

# Complementary

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



87.0186, -54.6835, 37.7894



65.0171, 62.5933, -38.3513

# 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.



87.0204, 79.8494, -6.1317



87.0186, -54.6835, 37.7894



87.0204, 23.7407, -87.6537

# Square

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



87.0204, -54.6849, 37.7900



87.0204, -45.5338, -68.9286



87.0204, 60.0995, -50.4274



87.0204, 45.5355, 43.4183



# Rectangle

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



87.0186, -54.6835, 37.7894



87.0204, -65.1900, -10.2786



87.0204, 60.0995, -50.4274



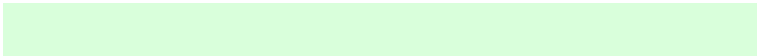
87.0204, 78.9452, 17.4769

# Sweetspot

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



87.0204, -54.6849, 37.7900



95.5643, -23.3552, 17.0812



95.4206, -22.5333, 46.1383



43.9517, -11.8940, 8.6113

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.0204, -54.6849, 37.7900



86.8649, -61.5658, 42.5171



88.2716, -47.1700, 19.5995



43.9575, -7.6864, 5.8598



60.2378, -51.5372, 35.9620



18.3447, -15.6062, 10.7601



# Inverse Universe

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



65.0171, 62.5933, -38.3513



61.2553, 76.0664, -46.6538



62.5402, 51.3689, -3.9739



41.8443, 3.3662, -1.3427



37.5020, 72.9787, -43.6369

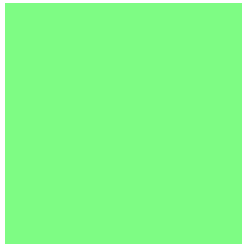


11.4318, 22.2749, -13.5245



# Previews

## White Background



This preview shows how the HunterLab color 87.0186, -54.6835, 37.7894 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 87.0186, -54.6835, 37.7894 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

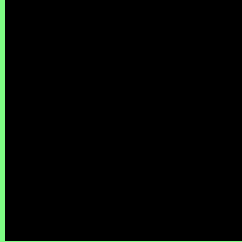
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

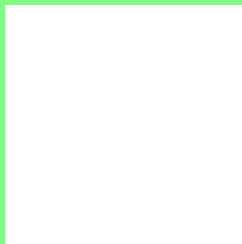
Any Text WCAG AAA ✓ Pass

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

## HunterLab 87.0186, -54.6835, 37.7894 Background



This preview shows how black text looks on a background with the HunterLab color 87.0186, -54.6835, 37.7894.



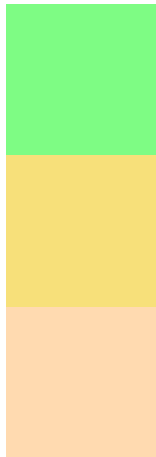
This preview shows how white text looks on a background with the HunterLab color 87.0186, -54.6835, 37.7894.

-54.6835, 37.7894.

# 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

87.0186, -54.6835, 37.7894

### Protanopia

86.3079, -9.3145, 40.3710

### Deuteranopia

86.3350, 2.2164, 25.0306



## Tritanopia

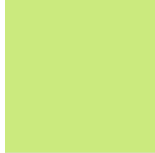
86.7536, -22.5401, -11.5951

# Trichromacy



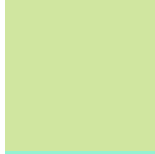
## Original Color

87.0186, -54.6835, 37.7894



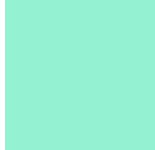
## Protanomaly

85.4684, -28.8188, 38.4679



## Deuteranomaly

85.1714, -21.9319, 28.9467



## Tritanomaly

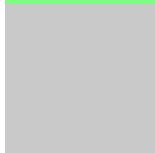
86.2863, -35.9864, 10.6430

# Monochromacy



## Original Color

87.0186, -54.6835, 37.7894



## Achromatopsia

76.4250, -4.0778, 4.1523



## Achromatomaly

79.5737, -25.1079, 17.9891

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.0186, -54.6835, 37.7894 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(126, 252, 132)` looks like.

```
.text, #text, p{  
    color:rgb(126, 252, 132)  
}
```

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(126, 252, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 252, 132) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.0186, -54.6835, 37.7894 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(126, 252, 132) }
```



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

```
.border{ border-color:rgb(126, 252, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 252, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 252, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 252, 132);  
box-shadow:4px 4px 4px 4px rgb(126, 252,  
132) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.0186, -54.6835, 37.7894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 252, 132) }
```

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

```
.background{ background-color: rgb(126,  
252, 132) }
```

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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