

# Converting Colors

HunterLab(87.5055, -59.1587,  
44.8096)

Have a look what the booklet for  
HunterLab(87.5055, -59.1587,  
44.8096) contains.

<b>HunterLab(87.4977, -59.2006, 44.8804)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(87.4977,  
-59.2006, 44.8804)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AFF63
RGB	122, 255, 99
RGB Percent	48%, 100%, 39%
CMY	0.5216, 0.0000, 0.6117
CMYK	0.52, 0.00, 0.61, 0.00
HSL	111°, 100%, 69%
HSV	111°, 61%, 100%
XYZ	46.0382, 76.5585, 24.1552
YIQ	197.4490, -29.1920, -76.7120

# Conversions

## Conversions Part 2

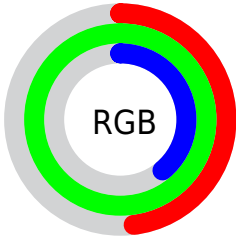
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 255, 232
Decimal	8060771
CIELab	90.12, -64.73, 61.89
CIElCh	90, 89.556, 136.287
Yxy	76.5585, 0.3137, 0.5217
Android (android.graphics.Color)	4286250851 (0xFF7AFF63)
YUV	197.4490, -48.5354, -66.1688
Hunter-Lab	87.4977, -59.2006, 44.8804

# Details

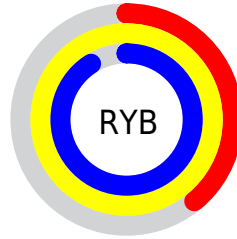
The HunterLab color **87.4977, -59.2006, 44.8804** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **57.7071, 71.5900, -60.3906**, and the grayscale version is **75.1220, -4.0083, 4.0815**.

A 20% lighter version of the original color is **91.6263, -41.1111, 35.6737**, and **63.9136, -50.8682, 36.5467** is the 20% darker color. If you saturate the color by 10%, you get **86.4476, -64.0159, 47.7644**, and if you desaturate by 10%, it is **88.8223, -53.1759, 40.9603**.

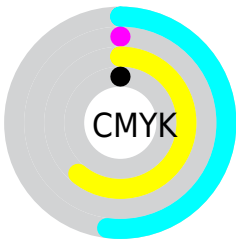
# Distribution



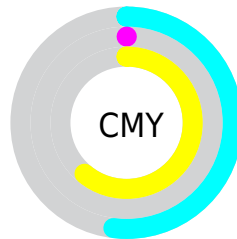
- Red (48%)
- Green (100%)
- Blue (39%)



- Red (39%)
- Yellow (100%)
- Blue (91%)



- Cyan (52%)
- Magenta (0%)
- Yellow (61%)
- Black (0%)




- Cyan (52%)
- Magenta (0%)
- Yellow (61%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.4977, -59.2006, 44.8804 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 87.4977, -59.2006, 44.8804 by changing the saturation by 10% instead.





 87.4977, -59.2006,  
44.8804


 87.4977, -59.2006,  
44.8804


219.8312,  
-91.0281, 76.4970


 75.4259, -55.1272,  
40.8212


 113.3650,  
-66.9065, 52.5609


 63.9667, -50.8675,  
36.5858


 127.1120,  
-70.5839, 56.2226

 53.1550, -46.3786,  
32.1449


 141.3737,  
-74.1662, 59.7856

 43.0321, -41.6028,  
27.4691

 156.1323,  
-77.6662, 63.2625

 33.6486, -36.4584,  
22.6570

171.3713,  
-81.0942, 66.6637

 25.0680, -30.8262,  
17.5476

187.0763,

 17.3740, -24.8910,

-84.4591, 69.9983

12.1618

203.2337,  
-87.7683, 73.2738

■ 10.6838, -18.6966,  
7.4786

■ 1.1431, -2.0005,  
0.8002

■ 87.4977, -59.2006,  
44.8804

■ 87.4977, -59.2006,  
44.8804

■ 86.4476, -64.0159,  
47.7644

■ 88.8223, -53.1759,  
40.9603

■ 85.6593, -67.6378,  
49.6629

■ 90.4286, -45.9669,  
35.9973

■ 85.1136, -70.1268,  
50.6722

■ 92.3190, -37.6283,  
30.0134

■ 84.8082, -71.4978,  
51.0067

■ 94.4920, -28.2395,  
23.0569

■ 96.9426, -17.8958,  
15.1944

■ 99.6632, -6.7015,  
6.5044

■ 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.



87.4977, -27.8092, 52.8312



87.4977, -59.2006, 44.8804



87.4977, -74.2916, 22.2321

# Triad

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



87.4977, -59.2002, 44.8796



87.4977, -24.3987, -120.2117



87.4977, 95.7366, 24.9780

# Complementary

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



87.4977, -59.2006, 44.8804



57.7071, 71.5900, -60.3906

# 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.



87.4977, 97.1703, -17.2697



87.4977, -59.2006, 44.8804



87.4977, 21.1481, -118.1198

# Square

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



87.4977, -59.2002, 44.8796



87.4977, -57.1437, -78.9054



87.4977, 67.6924, -74.1308



87.4977, 64.1022, 46.0067



# Rectangle

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



87.4977, -59.2006, 44.8804



87.4977, -75.5705, -4.8166



87.4977, 67.6924, -74.1308



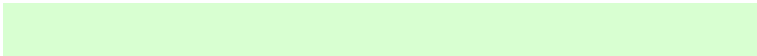
87.4977, 99.9584, 13.3682

# Sweetspot

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



87.4977, -59.2002, 44.8796



95.2402, -25.0544, 20.6554



89.2466, -11.7028, 46.9456



43.7447, -12.9437, 10.5761

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.4977, -59.2002, 44.8796



86.2846, -64.7649, 48.1824



87.4602, -57.7320, 32.2742



45.0517, -7.4405, 6.3838



61.3354, -51.5493, 36.8921



19.2336, -15.6825, 11.5771



# Inverse Universe

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



57.7071, 71.5900, -60.3906



52.8013, 83.4704, -72.2367



58.6289, 68.4271, -18.1841



42.6107, 2.9882, -1.8676



34.0077, 69.3322, -64.0167

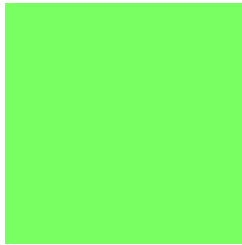


10.7768, 21.8639, -19.4576



# Previews

## White Background



This preview shows how the HunterLab color 87.4977, -59.2006, 44.8804 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

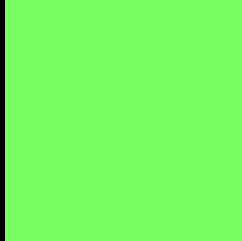
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.4977, -59.2006, 44.8804 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

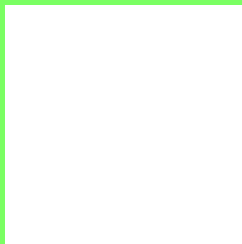
Any Text WCAG AAA ✓ Pass

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

## HunterLab 87.4977, -59.2006, 44.8804 Background



This preview shows how black text looks on a background with the HunterLab color 87.4977, -59.2006, 44.8804.



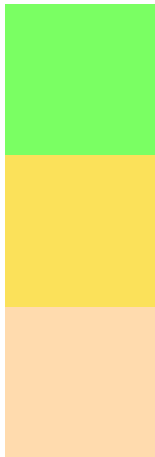
This preview shows how white text looks on a background with the HunterLab color 87.4977, -59.2006, 44.8804.

-59.2006, 44.8804.

# 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

87.4977, -59.2006, 44.8804

### Protanopia

86.6590, -10.4452, 46.5981

### Deuteranopia

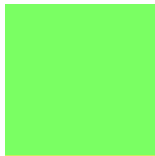
86.5904, 1.4485, 25.9629



## Tritanopia

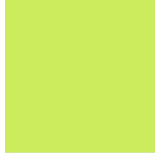
87.2672, -22.3640, -10.8951

# Trichromacy



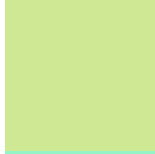
## Original Color

87.4977, -59.2006, 44.8804



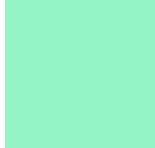
## Protanomaly

85.8013, -31.8341, 45.1569



## Deuteranomaly

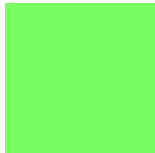
85.4899, -24.6317, 33.1031



## Tritanomaly

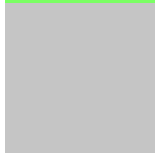
86.6455, -38.8249, 16.1524

# Monochromacy



## Original Color

87.4977, -59.2006, 44.8804



## Achromatopsia

74.7222, -3.9870, 4.0598



## Achromatomaly

78.2701, -27.3186, 22.2097

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.4977, -59.2006, 44.8804 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(122, 255, 99)` looks like.

```
.text, #text, p{  
    color:rgb(122, 255, 99)  
}
```

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(122, 255, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 255, 99) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.4977, -59.2006, 44.8804 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(122, 255, 99) }
```



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

```
.border{ border-color:rgb(122, 255, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 255, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 255, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 255, 99);  
box-shadow:4px 4px 4px 4px rgb(122, 255,  
99) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.4977, -59.2006, 44.8804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 255, 99) }
```

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

```
.background{ background-color: rgb(122,  
255, 99) }
```

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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