

# Converting Colors

HunterLab(91.2430, -63.1248,  
49.2234)

Have a look what the booklet for  
HunterLab(91.2430, -63.1248,  
49.2234) contains.

<b>HunterLab(87.5464, -59.2437, 46.8020)</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(87.5464,  
-59.2437, 46.8020)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EFF57
RGB	126, 255, 87
RGB Percent	49%, 100%, 34%
CMY	0.5059, 0.0000, 0.6588
CMYK	0.51, 0.00, 0.66, 0.00
HSL	106°, 100%, 67%
HSV	106°, 66%, 100%
XYZ	46.0845, 76.6437, 21.3816
YIQ	197.2770, -22.9560, -79.5960

# Conversions

## Conversions Part 2

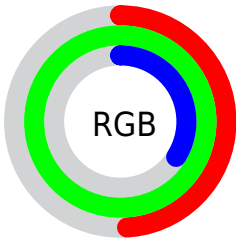
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">87, 255, 216</a>
Decimal	<a href="#">8322903</a>
<a href="#">CIELab</a>	<a href="#">90.16, -64.77, 66.78</a>
<a href="#">CIELCh</a>	<a href="#">90, 93.030, 134.126</a>
<a href="#">Yxy</a>	<a href="#">76.6438, 0.3198, 0.5318</a>
Android (android.graphics.Color)	<a href="#">4286512983</a> ( <a href="#">0xFF7EFF57</a> )
<a href="#">YUV</a>	<a href="#">197.2770, -54.3666, -62.5099</a>
<a href="#">Hunter-Lab</a>	<a href="#">87.5464, -59.2437, 46.8020</a>

# Details

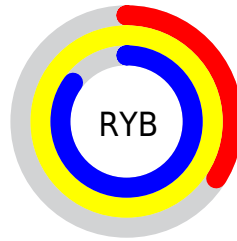
The HunterLab color **87.5464, -59.2437, 46.8020** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted chartreuse. A complement of this color would be **53.5135, 72.3946, -70.5781**, and the grayscale version is **75.0710, -4.0056, 4.0788**.

A 20% lighter version of the original color is **91.7052, -41.1906, 38.7282**, and **63.9660, -50.8129, 37.8684** is the 20% darker color. If you saturate the color by 10%, you get **86.5750, -63.6536, 49.1602**, and if you desaturate by 10%, it is **88.7546, -53.7718, 43.4098**.

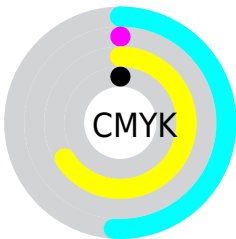
# Distribution



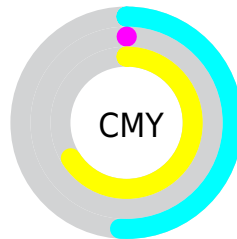
- Red (49%)
- Green (100%)
- Blue (34%)



- Red (34%)
- Yellow (100%)
- Blue (85%)



- Cyan (51%)
- Magenta (0%)
- Yellow (66%)
- Black (0%)




- Cyan (51%)
- Magenta (0%)
- Yellow (66%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.5464, -59.2437, 46.8020 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 87.5464, -59.2437, 46.8020 by changing the saturation by 10% instead.





 87.5464, -59.2437,  
46.8020


 87.5464, -59.2437,  
46.8020


219.8974,  
-91.0840, 80.5487


 75.4723, -55.1688,  
42.4529


 113.4181,  
-66.9527, 55.0256


 64.0106, -50.9076,  
37.9152


 127.1672,  
-70.6316, 58.9415

 53.1963, -46.4172,  
33.1618


 141.4309,  
-74.2154, 62.7483

 43.0706, -41.6398,  
28.1685

 156.1914,  
-77.7167, 66.4593

 33.6840, -36.4941,  
23.2763

171.4323,  
-81.1462, 70.0858

 25.1001, -30.8608,  
17.5701

187.1391,

 17.4024, -24.9168,

-84.5124, 73.6376

12.1817

203.2982,  
-87.8230, 77.1228

■ 10.7079, -18.7389,  
7.4956

■ 1.3202, -2.3103,  
0.9241

■ 87.5464, -59.2437,  
46.8020

■ 87.5464, -59.2437,  
46.8020

■ 86.5750, -63.6536,  
49.1602

■ 88.7546, -53.7718,  
43.4098

■ 85.8288, -67.0243,  
50.5607

■ 90.2063, -47.2491,  
38.9523

■ 85.2909, -69.4174,  
51.1308

■ 91.9048, -39.7124,  
33.4289

■ 85.1209, -70.1662,  
51.2227

■ 93.8496, -31.2190,  
26.8660

■ 96.0380, -21.8414,  
19.3113

■ 98.4646, -11.6616,  
10.8272

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.



87.5465, -25.7063, 53.9131



87.5464, -59.2437, 46.8020



87.5465, -75.8850, 25.2127

# Triad

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



87.5465, -59.2434, 46.8013



87.5465, -28.1036, -125.2579



87.5465, 101.6390, 23.2963

# Complementary

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



87.5464, -59.2437, 46.8020



53.5135, 72.3946, -70.5781

# 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.



87.5465, 100.6146, -22.2365



87.5464, -59.2437, 46.8020



87.5465, 18.5484, -126.7712

# Square

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



87.5465, -59.2434, 46.8013



87.5465, -60.6769, -78.9735



87.5465, 67.7482, -82.4106



87.5465, 70.3060, 46.0379



# Rectangle

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



87.5464, -59.2437, 46.8020



87.5465, -77.9502, -1.6640



87.5465, 67.7482, -82.4106



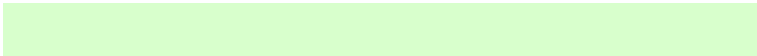
87.5465, 105.2453, 10.7414

# Sweetspot

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



87.5465, -59.2434, 46.8013



95.1073, -25.8066, 22.5400



84.2367, -4.4528, 45.4810



43.7180, -13.1534, 11.4042

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.5465, -59.2434, 46.8013



86.3187, -64.8146, 49.6952



86.7220, -61.5226, 37.4842



45.1348, -7.1424, 6.4793



61.5751, -50.5292, 37.0577



19.3353, -15.2526, 11.6473



# Inverse Universe

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



53.5135, 72.3946, -70.5781



48.2299, 83.7280, -85.1183



57.2192, 75.5192, -26.7354



42.5151, 2.6672, -1.9955



31.5633, 66.0053, -72.2555

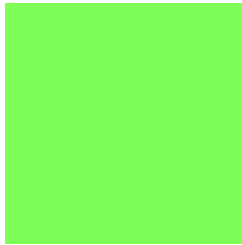


10.0951, 20.9267, -21.6822



# Previews

## White Background



This preview shows how the HunterLab color 87.5464, -59.2437, 46.8020 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 87.5464, -59.2437, 46.8020 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

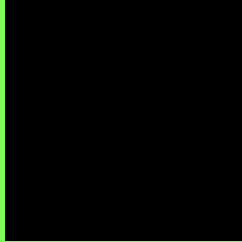
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

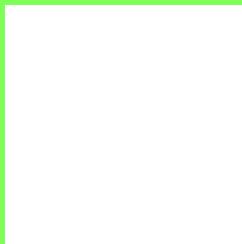
Any Text WCAG AAA ✓ Pass

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

## HunterLab 87.5464, -59.2437, 46.8020 Background



This preview shows how black text looks on a background with the HunterLab color 87.5464, -59.2437, 46.8020.



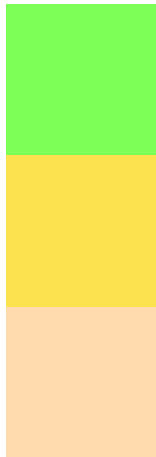
This preview shows how white text looks on a background with the HunterLab color 87.5464,

-59.2437, 46.8020.

# 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

87.5464, -59.2437, 46.8020

### Protanopia

86.9785, -11.1164, 48.3588

### Deuteranopia

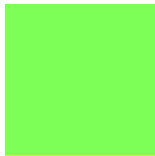
86.5680, 1.3271, 26.2886



## Tritanopia

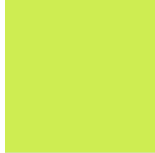
87.0561, -21.4276, -11.1646

# Trichromacy



## Original Color

87.5464, -59.2437, 46.8020



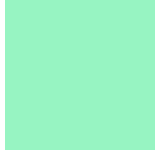
## Protanomaly

86.1971, -32.2673, 47.0586



## Deuteranomaly

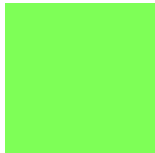
85.4846, -24.8311, 34.4911



## Tritanomaly

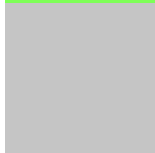
86.7039, -38.8089, 17.8456

# Monochromacy



## Original Color

87.5464, -59.2437, 46.8020



## Achromatopsia

74.7222, -3.9870, 4.0598



## Achromatomaly

78.2528, -27.5612, 23.5681

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.5464, -59.2437, 46.8020 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, 255, 87)` looks like.

```
.text, #text, p{  
    color:rgb(126, 255, 87)  
}
```

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, 255, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 255, 87) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.5464, -59.2437, 46.8020 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, 255, 87) }
```



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

```
.border{ border-color:rgb(126, 255, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 255, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 255, 87); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 255, 87); box-shadow:4px 4px 4px 4px rgb(126, 255, 87) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.5464, -59.2437, 46.8020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 255, 87) }
```

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

```
.background{ background-color: rgb(126,  
255, 87) }
```

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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