

# Converting Colors

HunterLab(84.9281, -59.7177,  
40.5224)

Have a look what the booklet for  
HunterLab(84.9281, -59.7177,  
40.5224) contains.

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# Color

**HunterLab(85.0002,  
-59.7825, 40.6376)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64FA70
RGB	100, 250, 112
RGB Percent	39%, 98%, 44%
CMY	0.6078, 0.0196, 0.5608
CMYK	0.60, 0.00, 0.55, 0.02
HSL	125°, 94%, 69%
HSV	125°, 60%, 98%
XYZ	42.3657, 72.2503, 27.0420
YIQ	189.4180, -45.1020, -74.7180

# Conversions

## Conversions Part 2

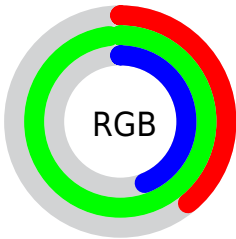
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 239, 250
Decimal	6617712
CIELab	88.09, -66.72, 53.75
CIELCh	88, 85.676, 141.146
Yxy	72.2533, 0.2991, 0.5100
Android (android.graphics.Color)	4284807792 (0xFF64FA70)
YUV	189.4180, -38.1671, -78.4196
Hunter-Lab	85.0002, -59.7825, 40.6376

# Details

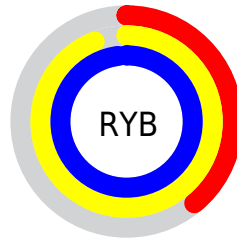
The HunterLab color **85.0002, -59.7825, 40.6376** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **59.6762, 73.2885, -42.3116**, and the grayscale version is **71.6832, -3.8248, 3.8947**.

A 20% lighter version of the original color is **90.6071, -44.6166, 31.1276**, and **61.6532, -51.0718, 33.2468** is the 20% darker color. If you saturate the color by 10%, you get **84.0186, -64.4052, 43.9743**, and if you desaturate by 10%, it is **86.3038, -53.7853, 36.4905**.

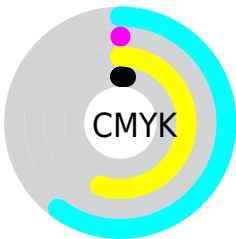
# Distribution



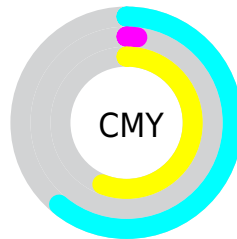
- Red (39%)
- Green (98%)
- Blue (44%)



- Red (39%)
- Yellow (94%)
- Blue (98%)



- Cyan (60%)
- Magenta (0%)
- Yellow (55%)
- Black (2%)



- Cyan (61%)
- Magenta (2%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.0002, -59.7825, 40.6376 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 85.0002, -59.7825, 40.6376 by changing the saturation by 10% instead.



85.0002, -59.7825,  
40.6376

85.0002, -59.7825,  
40.6376

216.4308,  
-92.5926, 68.8703

73.0518, -55.5590,  
37.0359

110.6421,  
-67.7576, 47.4629

61.7209, -51.1318,  
33.2756

124.2824,  
-71.5549, 50.7221

51.0453, -46.4554,  
29.3272

138.4413,  
-75.2496, 53.8983

41.0679, -41.4660,  
25.1558

153.1004,  
-78.8556, 57.0028

31.8415, -36.0729,  
20.7366

168.2433,  
-82.3842, 60.0449

23.4331, -30.1438,  
16.4031

183.8549,

15.9317, -24.8018,

-85.8447, 63.0325

11.1522

199.9216,  
-89.2453, 65.9724

■ 9.4641, -16.5622,  
6.6249

0.0000, NaN, NaN

■ 85.0002, -59.7825,  
40.6376

■ 85.0002, -59.7825,  
40.6376

■ 84.0186, -64.4052,  
43.9743

■ 86.3038, -53.7853,  
36.4905

■ 83.3340, -67.6823,  
46.4976


■ 87.9358, -46.4314,  
31.5614


■ 82.9187, -69.7112,  
48.2392


■ 89.9025, -37.7881,  
25.9042

■ 82.7191, -70.7136,  
49.2587

■ 92.2028, -27.9550,  
19.5893

 94.8306, -17.0537,  
12.6972

 97.7758, -5.2174,  
5.3126

 98.4144, -2.6806,  
3.5989

# Harmonies

## Analogous

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



85.0020, -32.3374, 50.1330



85.0002, -59.7825, 40.6376



85.0020, -71.7378, 15.8563

# Triad

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



85.0020, -59.7838, 40.6381



85.0020, -16.8861, -115.4160



85.0020, 87.0507, 28.3756

# Complementary

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



85.0002, -59.7825, 40.6376



59.6762, 73.2885, -42.3116

# 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.



85.0020, 93.4625, -8.3803



85.0002, -59.7825, 40.6376



85.0020, 27.3634, -106.1512

# Square

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



85.0020, -59.7838, 40.6381



85.0020, -50.4074, -82.1475



85.0020, 69.8384, -60.9155



85.0020, 53.7449, 45.8954



# Rectangle

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



85.0002, -59.7825, 40.6376



85.0020, -71.3595, -12.0104



85.0020, 69.8384, -60.9155



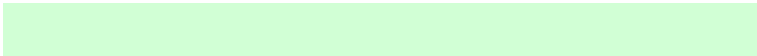
85.0020, 92.6526, 18.4602

# Sweetspot

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



85.0020, -59.7838, 40.6381



94.8064, -26.4642, 18.6823



93.7124, -26.0462, 49.6610



43.5196, -13.6831, 9.5595

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.0020, -59.7838, 40.6381



85.7602, -66.6764, 45.5778



86.3634, -51.5139, 20.8033



43.9679, -7.6282, 5.7107



60.2503, -51.4586, 35.7767



18.3565, -15.5320, 10.5851



# Inverse Universe

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



59.6762, 73.2885, -42.3116



56.6808, 87.5345, -50.0260



56.7063, 60.5933, -1.2175



41.8320, 3.3007, -1.1690



37.1765, 71.8441, -39.3733

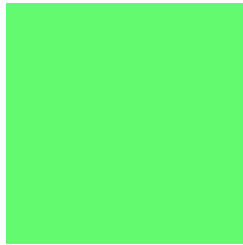


11.3444, 21.9707, -12.3825



# Previews

## White Background



This preview shows how the HunterLab color 85.0002, -59.7825, 40.6376 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

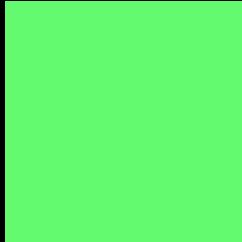
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.0002, -59.7825, 40.6376 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 85.0002, -59.7825, 40.6376 Background



This preview shows how black text looks on a background with the HunterLab color 85.0002, -59.7825, 40.6376.



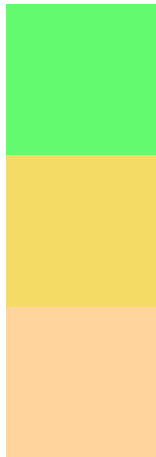
This preview shows how white text looks on a background with the HunterLab color 85.0002,

-59.7825, 40.6376.

# 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

85.0002, -59.7825, 40.6376

### Protanopia

84.0696, -9.7653, 42.7671

### Deuteranopia

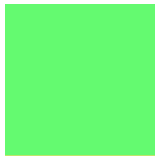
84.1316, 3.1313, 29.4167



## Tritanopia

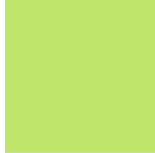
84.7388, -26.6419, -13.8568

# Trichromacy



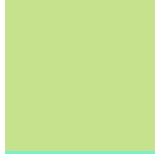
## Original Color

85.0002, -59.7825, 40.6376



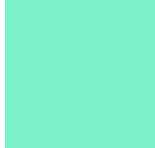
## Protanomaly

82.8919, -32.2562, 40.7597



## Deuteranomaly

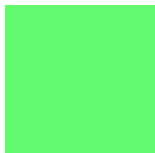
82.7393, -24.9357, 32.4895



## Tritanomaly

84.1400, -41.1948, 11.7512

# Monochromacy



## Original Color

85.0002, -59.7825, 40.6376



## Achromatopsia

71.3359, -3.8063, 3.8758



## Achromatomaly

75.0532, -27.5728, 19.1283

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.0002, -59.7825, 40.6376 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(100, 250, 112)` looks like.

```
.text, #text, p{  
    color:rgb(100, 250, 112)  
}
```

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(100, 250, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 250, 112) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.0002, -59.7825, 40.6376 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(100, 250, 112) }
```



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

```
.border{ border-color:rgb(100, 250, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 250, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 250, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 250, 112);  
box-shadow:4px 4px 4px 4px rgb(100, 250,  
112) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.0002, -59.7825, 40.6376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 250, 112) }
```

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

```
.background{ background-color: rgb(100,  
250, 112) }
```

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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