

# Converting Colors

HunterLab(85.3374, -58.6175,  
44.0415)

Have a look what the booklet for  
HunterLab(85.3374, -58.6175,  
44.0415) contains.

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# Color

**HunterLab(85.3876,  
-58.5899, 44.0722)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74FA5F
RGB	116, 250, 95
RGB Percent	45%, 98%, 37%
CMY	0.5451, 0.0196, 0.6274
CMYK	0.54, 0.00, 0.62, 0.02
HSL	112°, 94%, 68%
HSV	112°, 62%, 98%
XYZ	43.4536, 72.9104, 22.6094
YIQ	192.2640, -30.1090, -76.6130

# Conversions

## Conversions Part 2

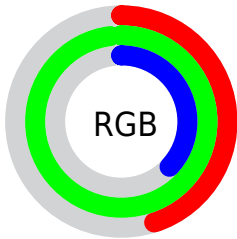
Format	Color
<a href="#">RYB</a>	<a href="#">95, 250, 229</a>
Decimal	<a href="#">7666271</a>
CIELab	<a href="#">88.41, -64.84, 61.58</a>
CIElCh	<a href="#">88, 89.419, 136.480</a>
Yxy	<a href="#">72.9135, 0.3127, 0.5246</a>
Android (android.graphics.Color)	<a href="#">4285856351 (0xFF74FA5F)</a>
YUV	<a href="#">192.2640, -47.9512, -66.8835</a>
Hunter-Lab	<a href="#">85.3876, -58.5899, 44.0722</a>

# Details

The HunterLab color **85.3876, -58.5899, 44.0722** 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 **56.3447, 71.4067, -59.2049**, and the grayscale version is **72.9214, -3.8909, 3.9620**.

A 20% lighter version of the original color is **91.1423, -43.1723, 36.6354**, and **61.9553, -50.0784, 35.7026** is the 20% darker color. If you saturate the color by 10%, you get **84.3899, -63.1839, 46.8231**, and if you desaturate by 10%, it is **86.6607, -52.7980, 40.3174**.

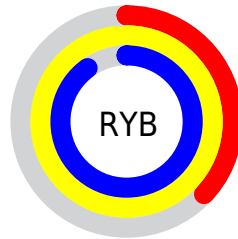
# Distribution



Red (45%)

Green (98%)

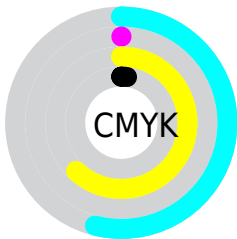
Blue (37%)



Red (37%)

Yellow (98%)

Blue (90%)

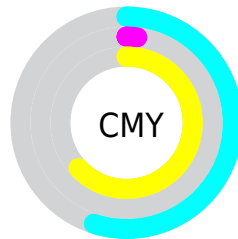


Cyan (54%)

Magenta (0%)

Yellow (62%)

Black (2%)



Cyan (55%)

Magenta (2%)


Yellow (63%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.3876, -58.5899, 44.0722 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 85.3876, -58.5899, 44.0722 by changing the saturation by 10% instead.





 85.3876, -58.5899,  
44.0722


 85.3876, -58.5899,  
44.0722


216.9597,  
-90.5947, 75.6884

 73.4202, -54.4825,  
40.0046


 111.0650,  
-66.3545, 51.7645


 62.0692, -50.1802,  
35.7556


 124.7220,  
-70.0551, 55.4282

 51.3723, -45.6396,  
31.2969


 138.8970,  
-73.6578, 58.9915

 41.3720, -40.7993,  
26.5990

 153.5717,  
-77.1759, 62.4673

 32.1210, -35.5725,  
21.8855

168.7296,  
-80.6203, 65.8664

 23.6855, -29.8313,  
16.5798

184.3558,

 16.1537, -24.3583,

-84.0000, 69.1979

11.3076

200.4367,  
-87.3226, 72.4697

■ 9.6509, -16.8891,  
6.7557

0.0000, NaN, NaN

■ 85.3876, -58.5899,  
44.0722

■ 85.3876, -58.5899,  
44.0722

■ 84.3899, -63.1839,  
46.8231

■ 86.6607, -52.7980,  
40.3174

■ 83.6488, -66.5954,  
48.6182


■ 88.2117, -45.8240,  
35.5467


■ 83.1460, -68.8926,  
49.5561


■ 90.0452, -37.7220,  
29.7821

■ 82.8927, -70.0332,  
49.8520

■ 92.1601, -28.5695,  
23.0706

 94.5518, -18.4610,  
15.4775

 97.2127, -7.5006,  
7.0800

 98.4145, -2.6807,  
3.5990

# Harmonies

## Analogous

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



85.3894, -27.7030, 51.8567



85.3876, -58.5899, 44.0722



85.3894, -73.3475, 21.7094

# Triad

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



85.3894, -58.5913, 44.0727



85.3894, -23.8267, -120.0106



85.3894, 95.0282, 24.8219

# Complementary

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



85.3876, -58.5899, 44.0722



56.3447, 71.4067, -59.2049

# 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.



85.3894, 96.6679, -16.8743



85.3876, -58.5899, 44.0722



85.3894, 21.3432, -117.6066

# Square

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



85.3894, -58.5913, 44.0727



85.3894, -56.2614, -78.9533



85.3894, 67.5145, -73.4767



85.3894, 63.4128, 45.3358



# Rectangle

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



85.3876, -58.5899, 44.0722



85.3894, -74.5400, -5.1519



85.3894, 67.5145, -73.4767



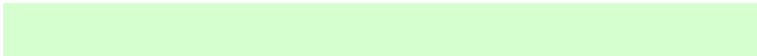
85.3894, 99.2990, 13.4085

# Sweetspot

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



85.3894, -58.5913, 44.0727



94.9558, -26.2371, 21.3728



87.1523, -11.4124, 46.1370



43.6197, -13.4654, 10.8771

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.3894, -58.5913, 44.0727



86.1307, -65.4442, 48.3476



85.4315, -56.8361, 31.8401



44.0703, -7.3114, 6.2256



60.3988, -50.8819, 36.3267



18.4726, -15.0960, 11.1185



# Inverse Universe

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



56.3447, 71.4067, -59.2049



52.8034, 84.9647, -72.2051



56.9952, 67.6698, -17.8703



41.7113, 2.9572, -1.8008



33.8561, 68.7930, -61.9466

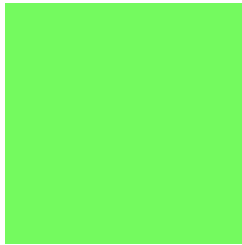


10.4572, 21.1507, -18.3779



# Previews

## White Background



This preview shows how the HunterLab color 85.3876, -58.5899, 44.0722 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 85.3876, -58.5899, 44.0722 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 85.3876, -58.5899, 44.0722 Background



This preview shows how black text looks on a background with the HunterLab color 85.3876, -58.5899, 44.0722.



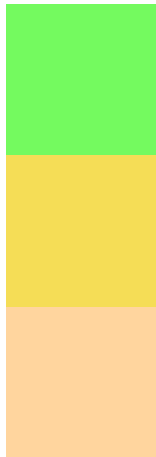
This preview shows how white text looks on a background with the HunterLab color 85.3876, -58.5899, 44.0722.

-58.5899, 44.0722.

# 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

85.3876, -58.5899, 44.0722

### Protanopia

84.7333, -10.9483, 45.8601

### Deuteranopia

84.4495, 2.7204, 29.3744



## Tritanopia

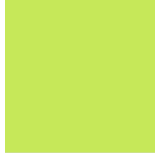
85.0453, -23.8475, -12.7988

# Trichromacy



## Original Color

85.3876, -58.5899, 44.0722



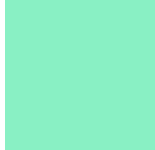
## Protanomaly

83.9287, -32.1373, 44.4772



## Deuteranomaly

83.0538, -23.9754, 34.3944



## Tritanomaly

84.6310, -39.6084, 14.8688

# Monochromacy



## Original Color

85.3876, -58.5899, 44.0722



## Achromatopsia

72.6027, -3.8739, 3.9446



## Achromatomaly

76.1021, -27.1844, 21.5664

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.3876, -58.5899, 44.0722 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(116, 250, 95)` looks like.

```
.text, #text, p{  
    color:rgb(116, 250, 95)  
}
```

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(116, 250, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 250, 95) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.3876, -58.5899, 44.0722 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(116, 250, 95) }
```



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

```
.border{ border-color:rgb(116, 250, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 250, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 250, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 250, 95);  
box-shadow:4px 4px 4px 4px rgb(116, 250,  
95) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.3876, -58.5899, 44.0722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 250, 95) }
```

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

```
.background{ background-color: rgb(116,  
250, 95) }
```

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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