

# Converting Colors

HunterLab(85.8266, -59.3370,  
49.7059)

Have a look what the booklet for  
HunterLab(85.8266, -59.3370,  
49.7059) contains.

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# Color

**HunterLab(85.8306,  
-59.3240, 49.6864)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EFB33
RGB	126, 251, 51
RGB Percent	49%, 98%, 20%
CMY	0.5059, 0.0157, 0.8000
CMYK	0.50, 0.00, 0.80, 0.02
HSL	98°, 96%, 59%
HSV	98°, 80%, 98%
XYZ	43.6989, 73.6689, 15.0483
YIQ	190.8250, -10.3000, -88.7000

# Conversions

## Conversions Part 2

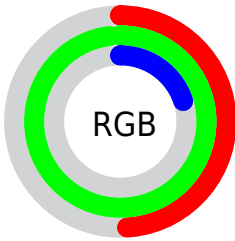
Format	Color
<a href="#">RYB</a>	<a href="#">51, 251, 176</a>
Decimal	<a href="#">8321843</a>
CIELab	<a href="#">88.77, -65.67, 77.23</a>
CIElCh	<a href="#">89, 101.374, 130.378</a>
Yxy	<a href="#">73.6721, 0.3300, 0.5563</a>
Android (android.graphics.Color)	<a href="#">4286511923 (0xFF7EFB33)</a>
YUV	<a href="#">190.8250, -68.9337, -56.8515</a>
Hunter-Lab	<a href="#">85.8306, -59.3240, 49.6864</a>

# Details

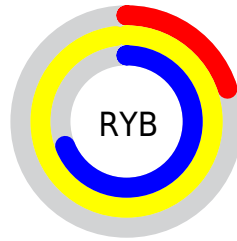
The HunterLab color **85.8306, -59.3240, 49.6864** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **43.0877, 75.8271, -97.7134**, and the grayscale version is **72.3929, -3.8627, 3.9332**.

A 20% lighter version of the original color is **91.3380, -43.4909, 45.1868**, and **62.4578, -49.9783, 37.6113** is the 20% darker color. If you saturate the color by 10%, you get **85.0920, -62.5826, 50.6605**, and if you desaturate by 10%, it is **86.7433, -55.2717, 47.7960**.

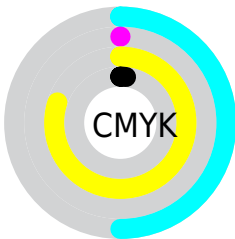
# Distribution



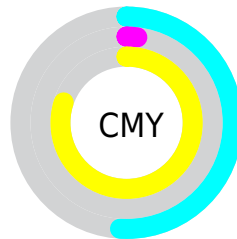
- Red (49%)
- Green (98%)
- Blue (20%)



- Red (20%)
- Yellow (98%)
- Blue (69%)



- Cyan (50%)
- Magenta (0%)
- Yellow (80%)
- Black (2%)



- Cyan (51%)
- Magenta (2%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.8306, -59.3240, 49.6864 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 85.8306, -59.3240, 49.6864 by changing the saturation by 10% instead.



85.8306, -59.3240,  
49.6864

85.8306, -59.3240,  
49.6864

217.5640,  
-91.6455, 88.1662

73.8415, -55.1745,  
44.6976

111.5486,  
-67.1682, 59.1172

62.4677, -50.8278,  
39.4975

125.2246,  
-70.9061, 63.5988

51.7464, -46.2407,  
34.0695

139.4179,  
-74.5449, 67.9480

41.7202, -41.3517,  
28.5229

154.1103,  
-78.0978, 72.1797

32.4410, -36.0739,  
22.7087

169.2854,  
-81.5759, 76.3070

23.9747, -30.2799,  
16.7823

184.9282,

16.4085, -24.6729,

-84.9883, 80.3408

11.4859

201.0252,  
-88.3426, 84.2911

■ 9.8658, -17.2651,  
6.9060

0.0000, NaN, NaN

■ 85.8306, -59.3240,  
49.6864

■ 85.8306, -59.3240,  
49.6864

■ 85.0920, -62.5826,  
50.6605

■ 86.7433, -55.2717,  
47.7960

■ 84.5055, -65.1183,  
50.9156

■ 87.8335, -50.3962,  
44.8930

■ 84.4886, -65.1914,  
50.9202

■ 89.1087, -44.6983,  
40.9224

■ 90.5718, -38.1955,  
35.8605

■ 92.2238, -30.9202,  
29.7094

■ 94.0636, -22.9160,  
22.4917

■ 96.0884, -14.2345,  
14.2465

■ 98.2944, -4.9323,  
5.0251

■ 98.7306, -3.2134,  
3.9670

# Harmonies

## Analogous

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



85.8324, -21.5463, 55.1015



85.8306, -59.3240, 49.6864



85.8324, -78.8037, 30.4672

# Triad

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



85.8324, -59.3256, 49.6868



85.8324, -35.0973, -137.8395



85.8324, 114.7503, 19.8361

# Complementary

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



85.8306, -59.3240, 49.6864



43.0877, 75.8271, -97.7134

# 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.



85.8324, 108.7003, -32.9315



85.8306, -59.3240, 49.6864



85.8324, 13.8063, -147.0723

# Square

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



85.8324, -59.3256, 49.6868



85.8324, -67.2454, -80.4008



85.8324, 68.6357, -101.1095



85.8324, 83.6284, 45.7989



# Rectangle

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



85.8306, -59.3240, 49.6864



85.8324, -82.2854, 4.0542



85.8324, 68.6357, -101.1095



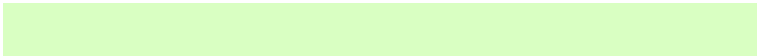
85.8324, 117.1454, 5.2854

# Sweetspot

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



85.8324, -59.3256, 49.6868



94.9311, -26.9573, 26.2209



71.5212, 13.5648, 41.7113



43.6140, -13.8031, 13.3237

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.8324, -59.3256, 49.6868



86.2361, -65.4380, 51.7913



83.7857, -67.5604, 45.8183



44.3015, -6.4834, 6.4911



61.3161, -47.0024, 36.9598



18.8160, -13.6551, 11.3553



# Inverse Universe

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



43.0877, 75.8271, -97.7134



39.0513, 83.9073, -118.1067



53.3496, 90.4183, -46.8499



41.4493, 2.0754, -2.1520



27.4022, 60.2873, -85.8597

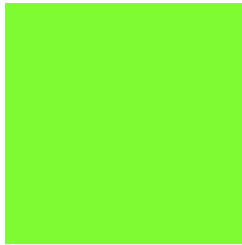


8.6946, 18.7896, -24.6122



# Previews

## White Background



This preview shows how the HunterLab color 85.8306, -59.3240, 49.6864 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

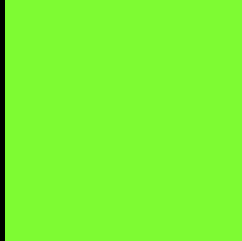
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.8306, -59.3240, 49.6864 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

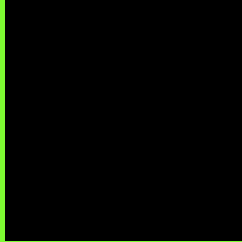
Any Text WCAG AA ✓ Pass

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 85.8306, -59.3240, 49.6864 Background



This preview shows how black text looks on a background with the HunterLab color 85.8306, -59.3240, 49.6864.



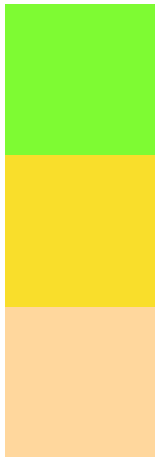
This preview shows how white text looks on a background with the HunterLab color 85.8306, -59.3240, 49.6864.

-59.3240, 49.6864.

# 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

85.8306, -59.3240, 49.6864

### Protanopia

85.1802, -11.5461, 50.6947

### Deuteranopia

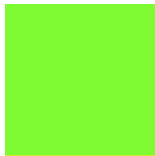
85.0266, 1.5716, 30.1775



## Tritanopia

85.6203, -21.7245, -11.9722

# Trichromacy



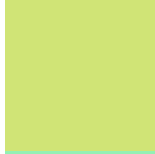
## Original Color

85.8306, -59.3240, 49.6864



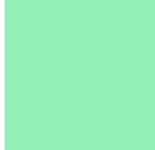
## Protanomaly

84.4467, -32.5102, 49.6518



## Deuteranomaly

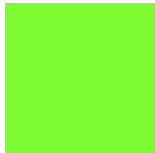
83.7882, -25.1433, 39.0615



## Tritanomaly

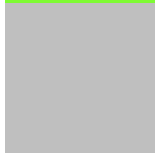
84.7458, -39.9762, 21.3104

# Monochromacy



## Original Color

85.8306, -59.3240, 49.6864



## Achromatopsia

72.1800, -3.8513, 3.9217



## Achromatomaly

75.9588, -28.4389, 26.9413

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.8306, -59.3240, 49.6864 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, 251, 51)` looks like.

```
.text, #text, p{  
    color:rgb(126, 251, 51)  
}
```

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, 251, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 251, 51) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.8306, -59.3240, 49.6864 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, 251, 51) }
```



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

```
.border{ border-color:rgb(126, 251, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 251, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 251, 51); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 251, 51); box-shadow:4px 4px 4px 4px rgb(126, 251, 51) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.8306, -59.3240, 49.6864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 251, 51) }
```

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

```
.background{ background-color: rgb(126,  
251, 51) }
```

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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