

# Converting Colors

HunterLab(87.4063, -58.7917,  
38.7342)

Have a look what the booklet for  
HunterLab(87.4063, -58.7917,  
38.7342) contains.

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# Color

**HunterLab(87.4185,  
-58.7428, 38.7524)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EFF81
RGB	110, 255, 129
RGB Percent	43%, 100%, 51%
CMY	0.5686, 0.0000, 0.4941
CMYK	0.57, 0.00, 0.49, 0.00
HSL	128°, 100%, 72%
HSV	128°, 57%, 100%
XYZ	46.1528, 76.4199, 33.0868
YIQ	197.2810, -45.9740, -69.9260

# Conversions

## Conversions Part 2

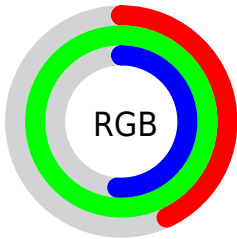
<b>Format</b>	<b>Color</b>
<b>RYB</b>	110, 238, 255
Decimal	7274369
CIELab	90.05, -64.13, 48.39
CIELCh	90, 80.339, 142.964
Yxy	76.4202, 0.2965, 0.4909
Android (android.graphics.Color)	4285464449 (0xFF6EFF81)
YUV	197.2810, -33.6625, -76.5454
Hunter-Lab	87.4185, -58.7428, 38.7524

# Details

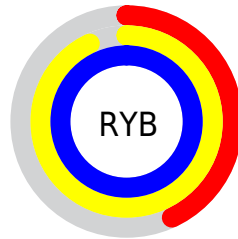
The HunterLab color **87.4185, -58.7428, 38.7524** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **62.0227, 69.7686, -36.4195**, and the grayscale version is **74.9945, -4.0015, 4.0746**.

A 20% lighter version of the original color is **91.5158, -40.3442, 26.3062**, and **63.8705, -50.4839, 32.1258** is the 20% darker color. If you saturate the color by 10%, you get **86.3055, -63.9476, 42.5350**, and if you desaturate by 10%, it is **88.8551, -52.1760, 34.2564**.

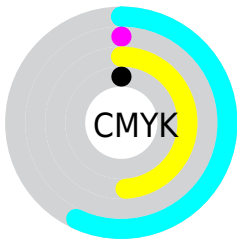
# Distribution



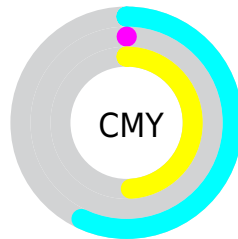
- Red (43%)
- Green (100%)
- Blue (51%)



- Red (43%)
- Yellow (93%)
- Blue (100%)



- Cyan (57%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)



- Cyan (57%)
- Magenta (0%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.4185, -58.7428, 38.7524 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 87.4185, -58.7428, 38.7524 by changing the saturation by 10% instead.



87.4185, -58.7428,  
38.7524

87.4185, -58.7428,  
38.7524

219.7236,  
-90.3277, 64.5733

75.3506, -54.7031,  
35.4958

113.2787,  
-66.3864, 44.9441

63.8955, -50.4792,  
32.1052

127.0224,  
-70.0349, 47.9127

53.0880, -46.0288,  
28.5522

141.2809,  
-73.5896, 50.8128

42.9697, -41.2944,  
24.8023

156.0363,  
-77.0630, 53.6541

33.5911, -36.1950,  
20.8143

171.2723,  
-80.4655, 56.4445

25.0158, -30.6122,  
16.9431

186.9744,

17.3278, -24.7135,

-83.8057, 59.1908

12.1295

203.1289,  
-87.0910, 61.8988

■ 10.6445, -18.6279,  
7.4512

■ 0.7736, -1.3538,  
0.5415

■ 87.4185, -58.7428,  
38.7524

■ 87.4185, -58.7428,  
38.7524

■ 86.3055, -63.9476,  
42.5350

■ 88.8551, -52.1760,  
34.2564

■ 85.4990, -67.8025,  
45.5824


■ 90.6238, -44.2870,  
29.0948


■ 84.9737, -70.3761,  
47.8951

■ 92.7275, -35.1536,  
23.3292

■ 84.6920, -71.8103,  
49.5011

■ 95.1631, -24.8822,  
17.0330

 84.6358, -72.1021,  
49.8603

 97.9234, -13.5975,  
10.2847

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.



87.4186, -33.1333, 49.2781



87.4185, -58.7428, 38.7524



87.4186, -69.5272, 13.3889

# Triad

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



87.4186, -58.7423, 38.7517



87.4186, -14.0432, -105.9389



87.4186, 79.6097, 29.0895

# Complementary

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



87.4185, -58.7428, 38.7524



62.0227, 69.7686, -36.4195

# 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.



87.4186, 87.2619, -4.8528



87.4185, -58.7428, 38.7524



87.4186, 27.9788, -95.1769

# Square

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



87.4186, -58.7423, 38.7517



87.4186, -46.9586, -77.8811



87.4186, 66.9181, -52.9486



87.4186, 47.5918, 45.7465



# Rectangle

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



87.4185, -58.7428, 38.7524



87.4186, -68.5665, -13.6278



87.4186, 66.9181, -52.9486



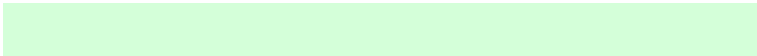
87.4186, 85.3304, 19.8551

# Sweetspot

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



87.4186, -58.7423, 38.7517



95.1273, -25.0310, 17.1230



95.3087, -28.4559, 49.0534



43.7721, -12.5734, 8.5245

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

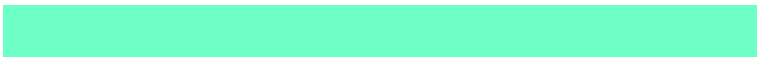
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.4186, -58.7423, 38.7517



86.1986, -64.4535, 42.9191



88.8696, -49.9761, 17.6680



44.9521, -7.7125, 5.6014



61.1892, -52.0587, 35.8985



19.1232, -16.0564, 10.7587



# Inverse Universe

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



62.0227, 69.7686, -36.4195



57.5120, 81.9506, -42.0429



59.2875, 57.8066, 1.6665



42.7282, 3.2802, -0.9230



37.2409, 71.1873, -33.3853

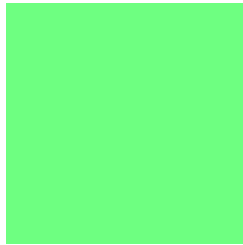


11.6674, 22.3774, -11.0400



# Previews

## White Background



This preview shows how the HunterLab color 87.4185, -58.7428, 38.7524 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 87.4185, -58.7428, 38.7524 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 87.4185, -58.7428, 38.7524 Background



This preview shows how black text looks on a background with the HunterLab color 87.4185, -58.7428, 38.7524.



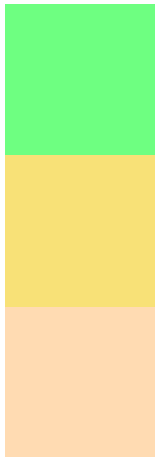
This preview shows how white text looks on a background with the HunterLab color 87.4185,

-58.7428, 38.7524.

# 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

87.4185, -58.7428, 38.7524

### Protanopia

86.6826, -9.6766, 41.3065

### Deuteranopia

86.6818, 1.9425, 24.6374



## Tritanopia

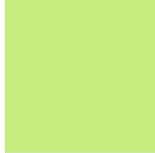
86.9702, -23.4592, -11.3168

# Trichromacy



## Original Color

87.4185, -58.7428, 38.7524



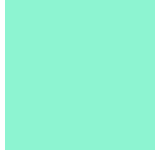
## Protanomaly

85.6894, -31.5126, 39.2840



## Deuteranomaly

85.3275, -24.7295, 29.0363



## Tritanomaly

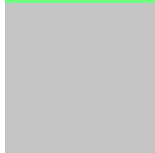
86.5838, -38.4564, 11.3729

# Monochromacy



## Original Color

87.4185, -58.7428, 38.7524



## Achromatopsia

74.7222, -3.9870, 4.0598



## Achromatomaly

78.1797, -27.1413, 18.0994

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.4185, -58.7428, 38.7524 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(110, 255, 129)` looks like.

```
.text, #text, p{  
    color:rgb(110, 255, 129)  
}
```

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(110, 255, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 255, 129) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.4185, -58.7428, 38.7524 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(110, 255, 129) }
```



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

```
.border{ border-color:rgb(110, 255, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 255, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 255, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 255, 129);  
box-shadow:4px 4px 4px 4px rgb(110, 255,  
129) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.4185, -58.7428, 38.7524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 255, 129) }
```

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

```
.background{ background-color: rgb(110,  
255, 129) }
```

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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