

# Converting Colors

HunterLab(86.1186, -65.7419,  
39.0860)

Have a look what the booklet for  
HunterLab(86.1186, -65.7419,  
39.0860) contains.

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# Color

**HunterLab(85.8371,  
-65.4718, 38.8028)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34FF7B
RGB	52, 255, 123
RGB Percent	20%, 100%, 48%
CMY	0.7961, 0.0000, 0.5176
CMYK	0.80, 0.00, 0.52, 0.00
HSL	141°, 100%, 60%
HSV	141°, 80%, 100%
XYZ	40.7513, 73.6801, 30.8127
YIQ	179.2550, -78.6160, -84.0880

# Conversions

## Conversions Part 2

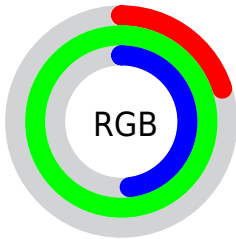
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 202, 255
Decimal	3473275
CIELab	88.77, -74.57, 49.33
CIELCh	89, 89.413, 146.514
Yxy	73.6803, 0.2806, 0.5073
Android (android.graphics.Color)	4281663355 (0xFF34FF7B)
YUV	179.2550, -27.7337, -111.6026
Hunter-Lab	85.8371, -65.4718, 38.8028

# Details

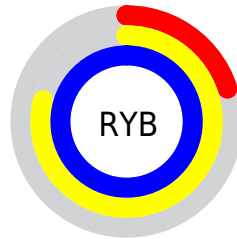
The HunterLab color **85.8371, -65.4718, 38.8028** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **52.1315, 83.8058, -17.9838**, and the grayscale version is **67.3833, -3.5954, 3.6611**.

A 20% lighter version of the original color is **89.1962, -49.7174, 26.0945**, and **63.5411, -52.0020, 32.8366** is the 20% darker color. If you saturate the color by 10%, you get **85.3204, -68.0896, 41.8262**, and if you desaturate by 10%, it is **86.6025, -61.7622, 35.4065**.

# Distribution



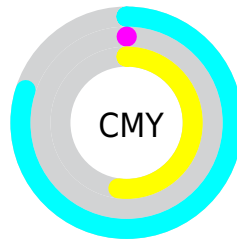
- Red (20%)
- Green (100%)
- Blue (48%)



- Red (20%)
- Yellow (79%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (52%)
- Black (0%)




- Cyan (80%)
- Magenta (0%)
- Yellow (52%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.8371, -65.4718, 38.8028 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 85.8371, -65.4718, 38.8028 by changing the saturation by 10% instead.





 85.8371, -65.4718,  
38.8028


 85.8371, -65.4718,  
38.8028


217.5705,  
-101.5072, 65.0951


 73.8461, -60.7953,  
35.4740


 111.5538,  
-74.2754, 45.1228


 62.4720, -55.8874,  
32.0047


 125.2300,  
-78.4578, 48.1492

 51.7505, -50.6959,  
28.3654


 139.4235,  
-82.5207, 51.1034

 41.7240, -45.1505,  
24.5205

 154.1161,  
-86.4798, 53.9957

 32.4445, -39.1532,  
20.4293

169.2914,  
-90.3481, 56.8345

 23.9779, -32.5645,  
16.7372


184.9344,

 16.4113, -27.0370,


-94.1363, 59.6268


11.4879


201.0316,  
-97.8534, 62.3786


 9.8681, -17.2691,  
6.9077


0.0000, NaN, NaN


 85.8371, -65.4718,  
38.8028


 85.8371, -65.4718,  
38.8028


 85.3204, -68.0896,  
41.8262


 86.6025, -61.7622,  
35.4065

 85.0070, -69.7852,  
44.4374

 87.6411, -56.8955,  
31.6803

 84.9967, -69.8419,  
44.5301

 88.9695, -50.8544,  
27.6712

 90.5973, -43.6636,  
23.4318

■ 92.5287, -35.3810,  
19.0170

■ 94.7628, -26.0899,  
14.4817

■ 97.2947, -15.8899,  
9.8775

■ 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.



85.8372, -39.8881, 50.5059



85.8371, -65.4718, 38.8028



85.8372, -74.9865, 9.5260

# Triad

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



85.8372, -65.4713, 38.8021



85.8372, -9.7806, -124.7238



85.8372, 87.3415, 33.8875

# Complementary

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



85.8371, -65.4718, 38.8028



52.1315, 83.8058, -17.9838

# 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.



85.8372, 99.9436, -0.4824



85.8371, -65.4718, 38.8028



85.8372, 37.5452, -106.3866

# Square

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



85.8372, -65.4713, 38.8021



85.8372, -47.2860, -96.1866



85.8372, 80.1283, -54.2539



85.8372, 48.5434, 48.8680



# Rectangle

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



85.8371, -65.4718, 38.8028



85.8372, -72.7708, -22.1635



85.8372, 80.1283, -54.2539



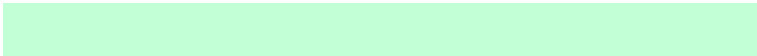
85.8372, 95.0868, 24.9261

# Sweetspot

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



85.8372, -65.4713, 38.8021



93.7442, -30.2900, 16.4857



90.7607, -46.8165, 52.9841



43.0079, -15.5270, 8.3731

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.8372, -65.4713, 38.8021



85.1041, -69.2491, 43.5488



88.0225, -52.1382, 7.1703



45.0256, -7.3012, 4.5479



61.4611, -50.3565, 31.8843



19.2295, -15.3924, 9.1927



# Inverse Universe

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



52.1315, 83.8058, -17.9838



49.3561, 89.2034, -13.3405



49.3817, 73.1394, 21.1801



42.6452, 2.8357, 0.2560



35.4586, 64.8535, -9.0989

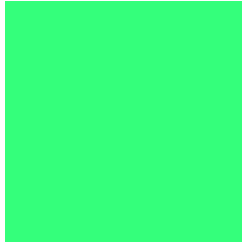


11.1575, 20.5709, -4.1337



# Previews

## White Background



This preview shows how the HunterLab color 85.8371, -65.4718, 38.8028 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 85.8371, -65.4718, 38.8028 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

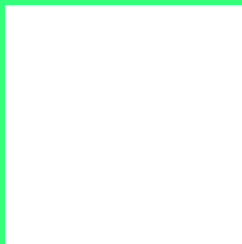
Any Text WCAG AAA ✓ Pass

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

## HunterLab 85.8371, -65.4718, 38.8028 Background



This preview shows how black text looks on a background with the HunterLab color 85.8371, -65.4718, 38.8028.



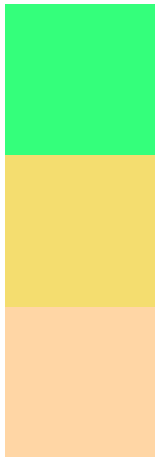
This preview shows how white text looks on a background with the HunterLab color 85.8371,

-65.4718, 38.8028.

# 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

85.8371, -65.4718, 38.8028

### Protanopia

84.9080, -9.7675, 41.6475

### Deuteranopia

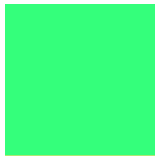
84.8939, 2.9888, 27.5023



## Tritanopia

85.5072, -28.9142, -13.4172

# Trichromacy



## Original Color

85.8371, -65.4718, 38.8028



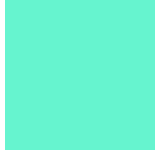
## Protanomaly

82.7734, -37.6996, 38.7265



## Deuteranomaly

82.5011, -30.6137, 29.5646



## Tritanomaly

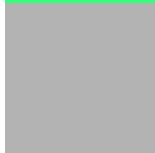
84.8712, -45.2734, 10.2659

# Monochromacy



## Original Color

85.8371, -65.4718, 38.8028



## Achromatopsia

67.1406, -3.5825, 3.6479



## Achromatomaly

72.1910, -31.7726, 16.9884

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.8371, -65.4718, 38.8028 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(52, 255, 123)` looks like.

```
.text, #text, p{  
    color:rgb(52, 255, 123)  
}
```

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(52, 255, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 255, 123) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.8371, -65.4718, 38.8028 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(52, 255, 123) }
```



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

```
.border{ border-color:rgb(52, 255, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 255, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 255, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 255, 123);  
box-shadow:4px 4px 4px 4px rgb(52, 255,  
123) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.8371, -65.4718, 38.8028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 255, 123) }
```

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

```
.background{ background-color: rgb(52, 255,  
123) }
```

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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