

# Converting Colors

HunterLab(85.9278, -65.8666,  
44.9217)

Have a look what the booklet for  
HunterLab(85.9278, -65.8666,  
44.9217) contains.

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# Color

**HunterLab(85.9378,  
-65.8355, 44.9735)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DFF5B
RGB	77, 255, 91
RGB Percent	30%, 100%, 36%
CMY	0.6980, 0.0000, 0.6431
CMYK	0.70, 0.00, 0.64, 0.00
HSL	125°, 100%, 65%
HSV	125°, 70%, 100%
XYZ	40.7088, 73.8531, 22.0069
YIQ	183.0820, -53.4440, -88.7400

# Conversions

## Conversions Part 2

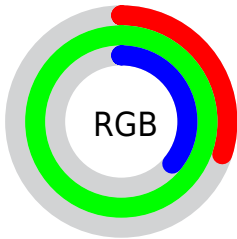
Format	Color
<a href="#">RYB</a>	<a href="#">77, 242, 255</a>
Decimal	<a href="#">5111643</a>
CIELab	<a href="#">88.85, -75.06, 63.41</a>
CIELCh	<a href="#">89, 98.255, 139.809</a>
Yxy	<a href="#">73.8532, 0.2981, 0.5408</a>
Android (android.graphics.Color)	<a href="#">4283301723</a> ( <a href="#">0xFF4DFF5B</a> )
YUV	<a href="#">183.0820, -45.3964, -93.0339</a>
Hunter-Lab	<a href="#">85.9378, -65.8355, 44.9735</a>

# Details

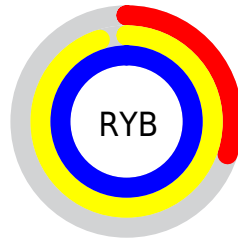
The HunterLab color **85.9378, -65.8355, 44.9735** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed green. A complement of this color would be **57.3746, 85.5483, -49.1423**, and the grayscale version is **69.0487, -3.6843, 3.7515**.

A 20% lighter version of the original color is **89.3474, -50.3555, 35.8563**, and **63.2623, -53.7468, 36.9516** is the 20% darker color. If you saturate the color by 10%, you get **85.2340, -69.2034, 47.5593**, and if you desaturate by 10%, it is **86.9485, -61.0871, 41.5506**.

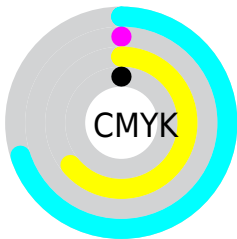
# Distribution



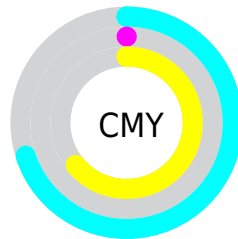
- Red (30%)
- Green (100%)
- Blue (36%)



- Red (30%)
- Yellow (95%)
- Blue (100%)



- Cyan (70%)
- Magenta (0%)
- Yellow (64%)
- Black (0%)



- Cyan (70%)
- Magenta (0%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.9378, -65.8355, 44.9735 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 85.9378, -65.8355, 44.9735 by changing the saturation by 10% instead.



■ 85.9378, -65.8355,  
44.9735

■ 85.9378, -65.8355,  
44.9735

217.7077,  
-102.0671, 77.3546

■ 73.9418, -61.1320,  
40.8025

■ 111.6637,  
-74.6894, 52.8576

■ 62.5625, -56.1955,  
36.4476

■ 125.3442,  
-78.8950, 56.6122

■ 51.8355, -50.9734,  
31.8801

■ 139.5419,  
-82.9803, 60.2631

■ 41.8031, -45.3953,  
27.0724

■ 154.2385,  
-86.9610, 63.8233

■ 32.5173, -39.3629,  
22.3057

169.4176,  
-90.8499, 67.3038

■ 24.0437, -32.7365,  
16.8306


185.0644,

■ 16.4693, -27.1792,


-94.6581, 70.7141


11.5285


201.1653,  
-98.3945, 74.0620


 9.9171, -17.3549,  
6.9419


0.0000, NaN, NaN


 85.9378, -65.8355,  
44.9735


 85.9378, -65.8355,  
44.9735


 85.2340, -69.2034,  
47.5593


 86.9485, -61.0871,  
41.5506


 84.8066, -71.2901,  
49.3423


 88.2859, -54.9266,  
37.2940


 84.6024, -72.3156,  
50.3845

 89.9619, -47.3762,  
32.2341

 84.5995, -72.3300,  
50.3977

 91.9814, -38.5044,  
26.4257

 94.3428, -28.4139,  
19.9413

 97.0399, -17.2298,  
12.8637

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.



85.9379, -34.4999, 53.6830



85.9378, -65.8355, 44.9735



85.9379, -79.5844, 19.1926

# Triad

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



85.9379, -65.8351, 44.9728



85.9379, -20.7755, -140.4714



85.9379, 104.4217, 30.0336

# Complementary

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



85.9378, -65.8355, 44.9735



57.3746, 85.5483, -49.1423

# Split Complementary

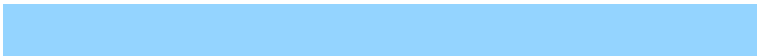
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.9379, 110.4564, -12.9149



85.9378, -65.8355, 44.9735



85.9379, 30.0683, -131.3637

# Square

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



85.9379, -65.8351, 44.9728



85.9379, -57.7494, -97.0836



85.9379, 80.7824, -76.5669



85.9379, 65.7883, 49.0600



# Rectangle

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



85.9378, -65.8355, 44.9735



85.9379, -79.6523, -12.2045



85.9379, 80.7824, -76.5669



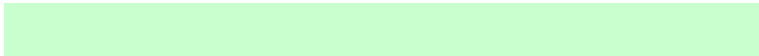
85.9379, 110.6185, 18.7062

# Sweetspot

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



85.9379, -65.8351, 44.9728



94.0425, -29.6812, 20.7499



95.4643, -28.4950, 53.9651



43.1962, -15.0570, 10.4480

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.9379, -65.8351, 44.9728



85.0231, -70.2268, 48.4022



87.3538, -57.1491, 24.2861



44.9348, -7.8094, 5.8495



61.1599, -52.2425, 36.3321



19.1041, -16.1763, 11.0416



# Inverse Universe

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



57.3746, 85.5483, -49.1423



53.8645, 96.2198, -54.2864



53.7637, 71.0470, 0.5941



42.7484, 3.3882, -1.2096



37.7511, 72.9743, -40.1355

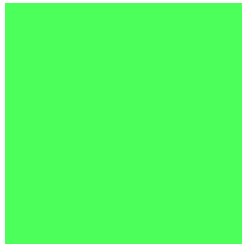


11.8095, 22.8746, -12.9151



# Previews

## White Background



This preview shows how the HunterLab color 85.9378, -65.8355, 44.9735 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 85.9378, -65.8355, 44.9735 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

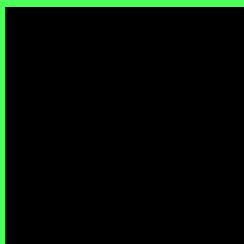
Any Text WCAG AA ✓ Pass

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 85.9378, -65.8355, 44.9735 Background



This preview shows how black text looks on a background with the HunterLab color 85.9378, -65.8355, 44.9735.



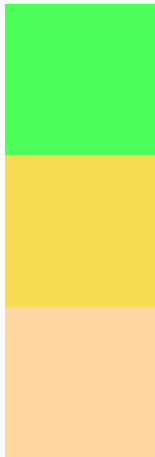
This preview shows how white text looks on a background with the HunterLab color 85.9378,

-65.8355, 44.9735.

# 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

85.9378, -65.8355, 44.9735

### Protanopia

84.9006, -10.4458, 46.6962

### Deuteranopia

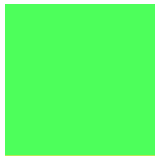
84.7887, 2.4214, 29.0327



## Tritanopia

85.4533, -27.3709, -13.4649

# Trichromacy



## Original Color

85.9378, -65.8355, 44.9735



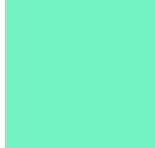
## Protanomaly

83.2154, -36.6887, 44.5113



## Deuteranomaly

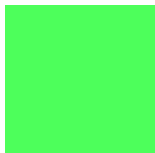
82.9066, -29.6248, 34.1758



## Tritanomaly

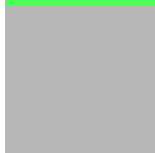
85.0214, -45.3438, 15.5917

# Monochromacy



## Original Color

85.9378, -65.8355, 44.9735



## Achromatopsia

68.8136, -3.6717, 3.7388



## Achromatomaly

73.3023, -31.3439, 21.2813

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.9378, -65.8355, 44.9735 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(77, 255, 91)` looks like.

```
.text, #text, p{  
    color:rgb(77, 255, 91)  
}
```

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(77, 255, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 255, 91) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.9378, -65.8355, 44.9735 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(77, 255, 91) }
```



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

```
.border{ border-color:rgb(77, 255, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 255, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 255, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 255, 91);  
box-shadow:4px 4px 4px 4px rgb(77, 255,  
91) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.9378, -65.8355, 44.9735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 255, 91) }
```

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

```
.background{ background-color: rgb(77, 255,  
91) }
```

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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