

# Converting Colors

HunterLab(85.8528, -66.3624,  
46.2275)

Have a look what the booklet for  
HunterLab(85.8528, -66.3624,  
46.2275) contains.

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# Color

**HunterLab(85.8528,  
-66.3624, 46.2275)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DFF52
RGB	77, 255, 82
RGB Percent	30%, 100%, 32%
CMY	0.6980, 0.0000, 0.6784
CMYK	0.70, 0.00, 0.68, 0.00
HSL	122°, 100%, 65%
HSV	122°, 70%, 100%
XYZ	40.3436, 73.7070, 20.0832
YIQ	182.0560, -50.5550, -91.5390

# Conversions

## Conversions Part 2

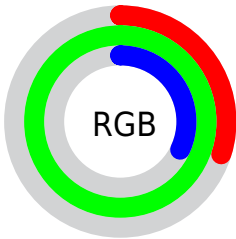
Format	Color
<a href="#">RYB</a>	<a href="#">77, 250, 255</a>
Decimal	<a href="#">5111634</a>
CIELab	<a href="#">88.78, -75.89, 66.81</a>
CIElCh	<a href="#">89, 101.110, 138.639</a>
Yxy	<a href="#">73.7071, 0.3008, 0.5495</a>
Android (android.graphics.Color)	<a href="#">4283301714 (0xFF4DFF52)</a>
YUV	<a href="#">182.0560, -49.3276, -92.1341</a>
Hunter-Lab	<a href="#">85.8528, -66.3624, 46.2275</a>

# Details

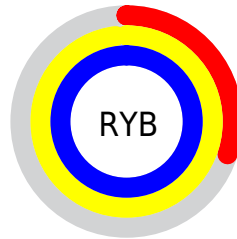
The HunterLab color **85.8528, -66.3624, 46.2275** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed green. A complement of this color would be **57.8530, 87.4252, -55.5056**, and the grayscale version is **68.6338, -3.6621, 3.7290**.

A 20% lighter version of the original color is **89.2636, -50.9616, 37.8876**, and **63.2060, -54.1002, 37.7847** is the 20% darker color. If you saturate the color by 10%, you get **85.1672, -69.6199, 48.5457**, and if you desaturate by 10%, it is **86.8512, -61.6839, 42.9814**.

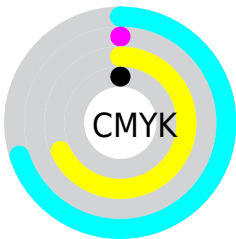
# Distribution



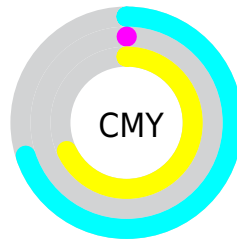
- Red (30%)
- Green (100%)
- Blue (32%)



- Red (30%)
- Yellow (98%)
- Blue (100%)



- Cyan (70%)
- Magenta (0%)
- Yellow (68%)
- Black (0%)



- Cyan (70%)
- Magenta (0%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.8528, -66.3624, 46.2275 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 85.8528, -66.3624, 46.2275 by changing the saturation by 10% instead.



85.8528, -66.3624,  
46.2275

85.8528, -66.3624,  
46.2275

217.5918,  
-102.9514, 80.1089

73.8609, -61.6078,  
41.8519

111.5708,  
-75.3094, 54.4946

62.4860, -56.6165,  
37.2840

125.2477,  
-79.5579, 58.4284

51.7637, -51.3352,  
32.4967

139.4419,  
-83.6840, 62.2511

41.7362, -45.6924,  
27.4671

154.1351,  
-87.7037, 65.9762

32.4558, -39.5888,  
22.7119

169.3110,  
-91.6301, 69.6154

23.9881, -32.8835,  
16.7917


184.9546,

16.4203, -27.3886,


-95.4742, 73.1784


11.4942


201.0523,  
-99.2453, 76.6738


 9.8757, -17.2824,  
6.9130


0.0000, NaN, NaN


 85.8528, -66.3624,  
46.2275


 85.8528, -66.3624,  
46.2275


 85.1672, -69.6199,  
48.5457


 86.8512, -61.6839,  
42.9814


 84.7622, -71.5683,  
49.9992


 88.1836, -55.5455,  
38.7918


 84.5813, -72.4478,  
50.6962

 89.8629, -47.9658,  
33.6775

 84.5788, -72.4600,  
50.7042

 91.8943, -39.0133,  
27.6885

 94.2765, -28.7935,  
20.8976

 97.0031, -17.4363,  
13.3926

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.



85.8528, -33.6671, 54.3540



85.8528, -66.3624, 46.2275



85.8528, -80.9821, 21.0570

# Triad

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



85.8528, -66.3620, 46.2267



85.8528, -23.0176, -145.7745



85.8528, 109.1585, 29.4121

# Complementary

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



85.8528, -66.3624, 46.2275



57.8530, 87.4252, -55.5056

# 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.



85.8528, 113.9098, -15.7522



85.8528, -66.3624, 46.2275



85.8528, 28.9702, -138.5275

# Square

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



85.8528, -66.3620, 46.2267



85.8528, -60.1355, -98.6189



85.8528, 81.8647, -82.3618



85.8528, 70.0890, 49.2867



# Rectangle

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



85.8528, -66.3624, 46.2275



85.8528, -81.4724, -10.5134



85.8528, 81.8647, -82.3618



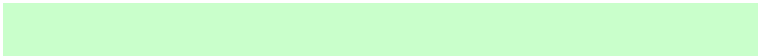
85.8528, 115.1113, 17.5095

# Sweetspot

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



85.8528, -66.3620, 46.2267



93.9732, -30.0788, 21.7496



96.3107, -25.3582, 54.5798



43.1612, -15.2589, 10.9535

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.8528, -66.3620, 46.2267



84.9654, -70.5879, 49.2559



87.1557, -58.3548, 27.1594



44.9182, -7.9023, 6.0876



61.1413, -52.3598, 36.6086



19.0856, -16.2924, 11.3153



# Inverse Universe

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



57.8530, 87.4252, -55.5056



54.4704, 98.4183, -62.2450



54.0495, 72.2171, -3.4581



42.7680, 3.4931, -1.4879



38.2734, 74.7928, -46.9600

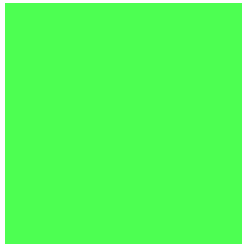


11.9539, 23.3770, -14.7988



# Previews

## White Background



This preview shows how the HunterLab color 85.8528, -66.3624, 46.2275 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

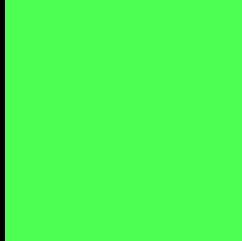
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.8528, -66.3624, 46.2275 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 85.8528, -66.3624, 46.2275 Background



This preview shows how black text looks on a background with the HunterLab color 85.8528, -66.3624, 46.2275.



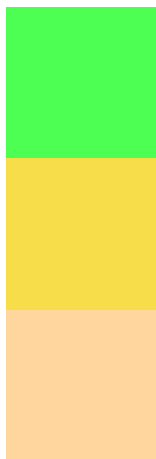
This preview shows how white text looks on a background with the HunterLab color 85.8528,

-66.3624, 46.2275.

# 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

85.8528, -66.3624, 46.2275

### Protanopia

84.8340, -10.8154, 47.6796

### Deuteranopia

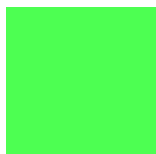
84.7477, 2.2003, 29.6290



## Tritanopia

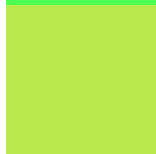
85.4533, -27.3709, -13.4649

# Trichromacy



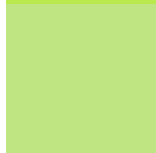
## Original Color

85.8528, -66.3624, 46.2275



## Protanomaly

83.1348, -37.1617, 45.7003



## Deuteranomaly

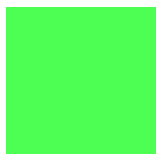
82.8236, -30.1050, 35.3902



## Tritanomaly

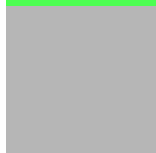
84.9423, -45.8151, 16.7302

# Monochromacy



## Original Color

85.8528, -66.3624, 46.2275



## Achromatopsia

68.3947, -3.6494, 3.7160



## Achromatomaly

73.2158, -31.8502, 22.5359

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.8528, -66.3624, 46.2275 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, 82)` looks like.

```
.text, #text, p{  
    color:rgb(77, 255, 82)  
}
```

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, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 255, 82) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.8528, -66.3624, 46.2275 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, 82) }
```



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

```
.border{ border-color:rgb(77, 255, 82) }
```

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, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 255, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 255, 82);  
box-shadow:4px 4px 4px 4px rgb(77, 255,  
82) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.8528, -66.3624, 46.2275 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, 82) }
```

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

```
.background{ background-color: rgb(77, 255,  
82) }
```

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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