

# Converting Colors

HunterLab(85.1827, -68.6820,  
41.7937)

Have a look what the booklet for  
HunterLab(85.1827, -68.6820,  
41.7937) contains.

<b>HunterLab(85.1825, -68.6828, 41.7958)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(85.1825,  
-68.6828, 41.7958)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00FF6A
RGB	0, 255, 106
RGB Percent	0%, 100%, 42%
CMY	1.0000, 0.0000, 0.5843
CMYK	1.00, 0.00, 0.58, 0.00
HSL	145°, 100%, 50%
HSV	145°, 100%, 100%
XYZ	38.3615, 72.5606, 25.6193
YIQ	161.7690, -104.1510, -100.3990

# Conversions

## Conversions Part 2

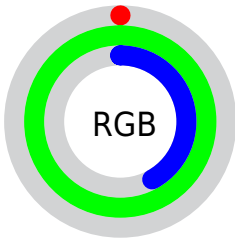
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 180, 255
Decimal	65386
CIELab	88.24, -79.79, 56.25
CIELCh	88, 97.625, 144.819
Yxy	72.5608, 0.2810, 0.5314
Android (android.graphics.Color)	4278255466 (0xFF00FF6A)
YUV	161.7690, -27.4941, -141.8714
Hunter-Lab	85.1825, -68.6828, 41.7958

# Details

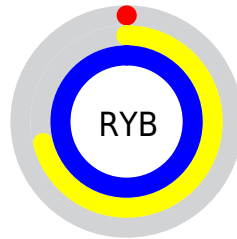
The HunterLab color **85.1825, -68.6828, 41.7958** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated spring green. A complement of this color would be **48.4050, 87.3769, -3.4755**, and the grayscale version is **60.1556, -3.2098, 3.2684**.

A 20% lighter version of the original color is **88.2078, -54.4055, 30.7367**, and **63.0229, -52.6882, 34.9656** is the 20% darker color. If you saturate the color by 10%, you get **85.1825, -68.6831, 41.7963**, and if you desaturate by 10%, it is **85.5052, -66.9258, 38.9944**.

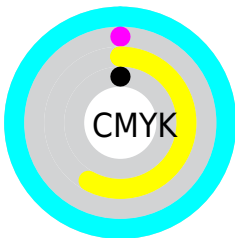
# Distribution



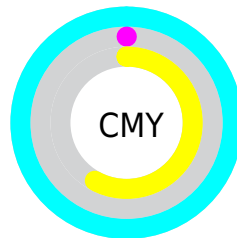
- Red (0%)
- Green (100%)
- Blue (42%)



- Red (0%)
- Yellow (71%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (58%)
- Black (0%)




- Cyan (100%)
- Magenta (0%)
- Yellow (58%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.1825, -68.6828, 41.7958 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 85.1825, -68.6828, 41.7958 by changing the saturation by 10% instead.





 85.1825, -68.6828,  
41.7958

 85.1825, -68.6828,  
41.7958


216.6774,  
-106.9806, 71.1003


 73.2236, -63.6821,  
38.0446


 110.8393,  
-78.0770, 48.8952


 61.8833, -58.4260,  
34.1285


 124.4874,  
-82.5309, 52.2827

 51.1977, -52.8575,  
30.0167


 138.6538,  
-86.8522, 55.5816

 41.2097, -46.9002,  
25.6756

 153.3202,  
-91.0583, 58.8038

 31.9717, -40.4487,  
21.1252

 168.4701,  
-95.1632, 61.9590

 23.5507, -33.3558,  
16.4855

184.0885,

 16.0351, -28.0614,

-99.1788, 65.0556

11.2246

200.1618,  
-103.1151, 68.1007

■ 9.5511, -16.7144,  
6.6858

0.0000, NaN, NaN

■ 85.1825, -68.6828,  
41.7958

■ 85.1825, -68.6828,  
41.7958

■ 85.1825, -68.6831,  
41.7963

■ 85.5052, -66.9258,  
38.9944

■ 86.0210, -64.3051,  
35.8757

■ 86.7769, -60.6454,  
32.4914

■ 87.7976, -55.8795,  
28.8877

■ 89.0996, -49.9883,  
25.1141

■ 90.6929, -42.9924,  
21.2217

■ 92.5819, -34.9444,  
17.2612

■ 94.7664, -25.9212,  
13.2811

■ 97.2420, -16.0158,  
9.3251

# Harmonies

## Analogous

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



85.1826, -40.5961, 52.4625



85.1825, -68.6828, 41.7958



85.1826, -79.5319, 12.3380

# Triad

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



85.1826, -68.6823, 41.7951



85.1826, -12.8901, -141.6004



85.1826, 98.9248, 34.3280

# Complementary

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



85.1825, -68.6828, 41.7958



48.4050, 87.3769, -3.4755

# 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.



85.1826, 111.0368, -3.8584



85.1825, -68.6828, 41.7958



85.1826, 38.7100, -123.3928

# Square

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



85.1826, -68.6823, 41.7951



85.1826, -52.3150, -105.9413



85.1826, 86.9314, -64.8401



85.1826, 56.8052, 50.1751



# Rectangle

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



85.1825, -68.6828, 41.7958



85.1826, -77.8304, -21.6164



85.1826, 86.9314, -64.8401



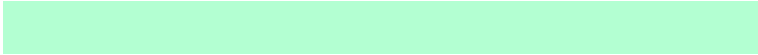
85.1826, 106.9909, 24.5206

# Sweetspot

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



85.1826, -68.6823, 41.7951



92.5809, -34.9486, 17.2632



88.4832, -56.2024, 53.5388



42.4470, -17.7959, 8.7616

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.1826, -68.6823, 41.7951



85.1825, -68.6831, 41.7963



87.8665, -52.2465, 2.9602



45.0482, -7.1752, 4.2250



61.5975, -49.5060, 29.8776



19.2756, -15.1058, 8.5163



# Inverse Universe

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



48.4050, 87.3769, -3.4755



48.4046, 87.3773, -3.4734



46.1873, 79.2525, 28.6298



42.6206, 2.7039, 0.6058



35.0331, 63.3186, -3.1254

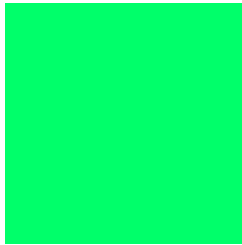


11.0308, 20.1157, -2.3697



# Previews

## White Background



This preview shows how the HunterLab color 85.1825, -68.6828, 41.7958 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

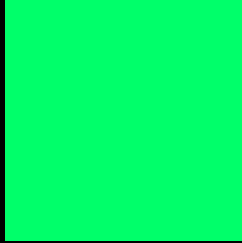
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.1825, -68.6828, 41.7958 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 85.1825, -68.6828, 41.7958 Background



This preview shows how black text looks on a background with the HunterLab color 85.1825, -68.6828, 41.7958.



This preview shows how white text looks on a background with the HunterLab color 85.1825, -68.6828, 41.7958.

-68.6828, 41.7958.

# Color Blindness Simulation

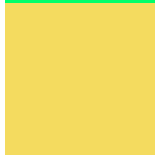
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

85.1825, -68.6828, 41.7958



### Protanopia

84.0966, -9.8282, 44.0150



### Deuteranopia

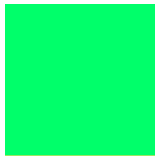
84.1114, 3.0223, 29.7111



## Tritanopia

84.7239, -30.1153, -14.5274

# Trichromacy



## Original Color

85.1825, -68.6828, 41.7958



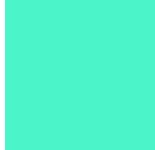
## Protanomaly

80.9831, -43.3568, 40.5001



## Deuteranomaly

80.6245, -36.5248, 31.3589



## Tritanomaly

83.9374, -49.3360, 11.8259

# Monochromacy



## Original Color

85.1825, -68.6828, 41.7958



## Achromatopsia

60.1088, -3.2073, 3.2658



## Achromatomaly

66.5706, -35.4786, 17.6070

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.1825, -68.6828, 41.7958 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(0, 255, 106)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 106)  
}
```

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(0, 255, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 106) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.1825, -68.6828, 41.7958 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(0, 255, 106) }
```



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

```
.border{ border-color:rgb(0, 255, 106) }
```

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

Here you see how a box with a 4 pixel rgb(0, 255, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 106);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
106) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.1825, -68.6828, 41.7958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 255, 106) }
```

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

```
.background{ background-color: rgb(0, 255,  
106) }
```

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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