

# Converting Colors

HunterLab(85.5910, -66.9663,  
42.1787)

Have a look what the booklet for  
HunterLab(85.5910, -66.9663,  
42.1787) contains.

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# Color

**HunterLab(85.5946,  
-66.9440, 42.1258)**

# Conversions

## Conversions Part 1

Format	Color
Hex	33FF6A
RGB	51, 255, 106
RGB Percent	20%, 100%, 42%
CMY	0.8000, 0.0000, 0.5843
CMYK	0.80, 0.00, 0.58, 0.00
HSL	136°, 100%, 60%
HSV	136°, 80%, 100%
XYZ	39.7267, 73.2644, 25.6833
YIQ	177.0180, -73.7550, -89.5870

# Conversions

## Conversions Part 2

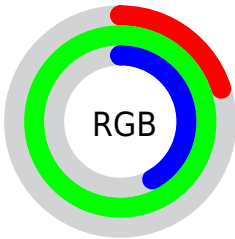
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 212, 255
Decimal	3407722
CIELab	88.57, -76.91, 56.72
CIELCh	89, 95.564, 143.590
Yxy	73.2646, 0.2865, 0.5283
Android (android.graphics.Color)	4281597802 (0xFF33FF6A)
YUV	177.0180, -35.0119, -110.5178
Hunter-Lab	85.5946, -66.9440, 42.1258

# Details

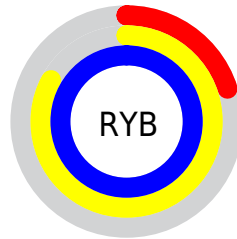
The HunterLab color **85.5946, -66.9440, 42.1258** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **52.7236, 86.6578, -27.4421**, and the grayscale version is **66.4779, -3.5471, 3.6119**.

A 20% lighter version of the original color is **88.8361, -51.8766, 31.3284**, and **63.3810, -53.0029, 35.1974** is the 20% darker color. If you saturate the color by 10%, you get **85.1043, -69.4207, 44.8869**, and if you desaturate by 10%, it is **86.3414, -63.3197, 38.8566**.

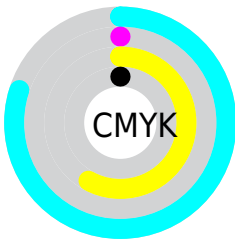
# Distribution



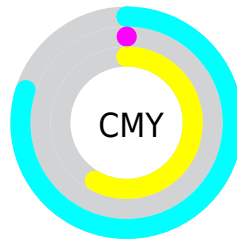
- Red (20%)
- Green (100%)
- Blue (42%)



- Red (20%)
- Yellow (83%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (58%)
- Black (0%)




- Cyan (80%)
- Magenta (0%)
- Yellow (58%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.5946, -66.9440, 42.1258 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 85.5946, -66.9440, 42.1258 by changing the saturation by 10% instead.





 85.5946, -66.9440,  
42.1258


 85.5946, -66.9440,  
42.1258


217.2398,  
-103.9840, 71.6136

 73.6154, -62.1240,  
38.3511


 111.2891,  
-76.0094, 49.2703


 62.2539, -57.0621,  
34.4109


 124.9550,  
-80.3123, 52.6793

 51.5456, -51.7040,  
30.2747


 139.1384,  
-84.4899, 55.9991

 41.5333, -45.9767,  
25.9090


 153.8213,  
-88.5587, 59.2416

 32.2692, -39.7791,  
21.3318

168.9872,  
-92.5321, 62.4165

 23.8194, -32.9681,  
16.6736

184.6211,

 16.2717, -27.6317,

-96.4214, 65.5322

11.3902

200.7095,  
-100.2360, 68.5959

■ 9.7503, -17.0631,  
6.8252

0.0000, NaN, NaN

■ 85.5946, -66.9440,  
42.1258

■ 85.5946, -66.9440,  
42.1258

■ 85.1043, -69.4207,  
44.8869

■ 86.3414, -63.3197,  
38.8566


■ 84.8214, -70.9386,  
47.1169


■ 87.3703, -58.4758,  
35.1104


■ 84.8214, -70.9387,  
47.1170

■ 88.6989, -52.3919,  
30.9276

■ 90.3373, -45.0934,  
26.3596

 92.2897, -36.6415,  
21.4646

 94.5551, -27.1251,  
16.3046

 97.1281, -16.6509,  
10.9412

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.



85.5947, -38.4869, 52.4011



85.5946, -66.9440, 42.1258



85.5947, -78.3785, 13.9001

# Triad

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



85.5947, -66.9435, 42.1251



85.5947, -14.6421, -136.7197



85.5947, 97.5860, 32.8899

# Complementary

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



85.5946, -66.9440, 42.1258



52.7236, 86.6578, -27.4421

# 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.



85.5947, 107.9117, -5.7429



85.5946, -66.9440, 42.1258



85.5947, 35.6155, -121.3076

# Square

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



85.5947, -66.9435, 42.1251



85.5947, -52.7863, -100.5038



85.5947, 83.1663, -65.6223



85.5947, 57.4415, 49.4967



# Rectangle

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



85.5946, -66.9440, 42.1258



85.5947, -77.1200, -18.6635



85.5947, 83.1663, -65.6223



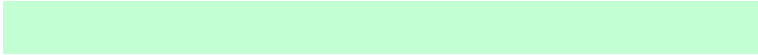
85.5947, 104.9791, 22.8397

# Sweetspot

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



85.5947, -66.9435, 42.1251



93.6115, -31.0536, 18.3968



91.7176, -43.0772, 53.7371



42.9395, -15.9231, 9.3591

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.5947, -66.9435, 42.1251



84.9179, -70.4123, 46.2934



87.6062, -54.6195, 12.9012



44.9985, -7.4532, 4.9372



61.3309, -51.1707, 33.8047



19.1826, -15.6849, 9.8825



# Inverse Universe

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



52.7236, 86.6578, -27.4421



50.1551, 92.0826, -24.3928



49.5187, 74.3172, 17.7999



42.6753, 2.9973, -0.1727



36.0458, 66.9564, -17.2267

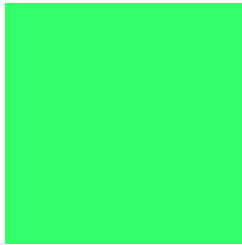


11.3285, 21.1809, -6.4823



# Previews

## White Background



This preview shows how the HunterLab color 85.5946, -66.9440, 42.1258 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

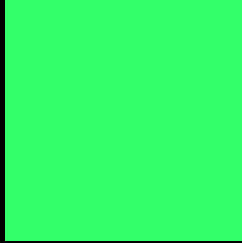
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.5946, -66.9440, 42.1258 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 85.5946, -66.9440, 42.1258 Background



This preview shows how black text looks on a background with the HunterLab color 85.5946, -66.9440, 42.1258.



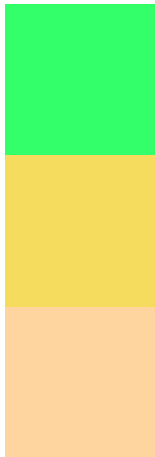
This preview shows how white text looks on a background with the HunterLab color 85.5946, -66.9440, 42.1258.

-66.9440, 42.1258.

# 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

85.5946, -66.9440, 42.1258

### Protanopia

84.5134, -9.9472, 44.3073

### Deuteranopia

84.4699, 2.8308, 29.0764



## Tritanopia

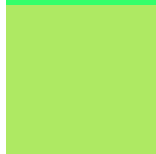
85.0750, -28.7911, -14.0147

# Trichromacy



## Original Color

85.5946, -66.9440, 42.1258



## Protanomaly

82.5696, -38.8995, 41.7217



## Deuteranomaly

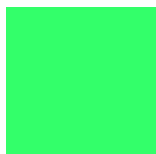
81.9781, -31.2528, 32.0230



## Tritanomaly

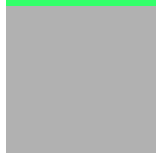
84.6332, -46.5573, 12.6241

# Monochromacy



## Original Color

85.5946, -66.9440, 42.1258



## Achromatopsia

66.3066, -3.5380, 3.6026



## Achromatomaly

71.2196, -32.4581, 18.9430

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.5946, -66.9440, 42.1258 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(51, 255, 106)` looks like.

```
.text, #text, p{  
    color:rgb(51, 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(51, 255, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 106) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.5946, -66.9440, 42.1258 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(51, 255, 106) }
```



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

```
.border{ border-color:rgb(51, 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(51, 255, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 106);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
106) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.5946, -66.9440, 42.1258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 255, 106) }
```

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

```
.background{ background-color: rgb(51, 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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