

Converting Colors

HunterLab(85.4780, -66.8450,
37.4590)

Have a look what the booklet for
HunterLab(85.4780, -66.8450,
37.4590) contains.

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Color

**HunterLab(85.4706,
-66.8908, 37.5672)**

Conversions

Conversions Part 1

Format	Color
Hex	00FF7F
RGB	0, 255, 127
RGB Percent	0%, 100%, 50%
CMY	0.9999, 0.0000, 0.5019
CMYK	1.00, 0.00, 0.50, 0.00
HSL	150°, 100%, 50%
HSV	150°, 100%, 100%
XYZ	39.5907, 73.0522, 32.0925
YIQ	164.1630, -110.8920, -93.8680

Conversions

Conversions Part 2

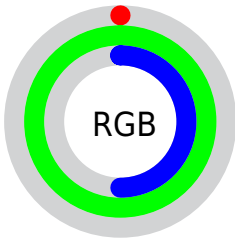
Format	Color
RYB	0, 170, 255
Decimal	65407
CIELab	88.47, -76.90, 47.02
CIELCh	88, 90.138, 148.555
Yxy	73.0525, 0.2735, 0.5047
Android (android.graphics.Color)	4278255487 (0xFF00FF7F)
YUV	164.1630, -18.3214, -143.9710
Hunter-Lab	85.4706, -66.8908, 37.5672

Details

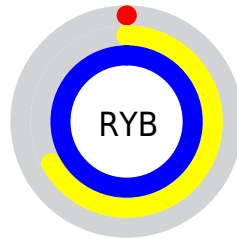
The HunterLab color **85.4706, -66.8908, 37.5672** is a dark color, and the websafe version is hex **33FF66**, and the color name is **springgreen**. The color can be described as dark saturated spring green. A complement of this color would be **47.7694, 85.0679, 5.5720**, and the grayscale version is **61.1039, -3.2604, 3.3199**.

A 20% lighter version of the original color is **88.6625, -51.6662, 24.1343**, and **63.5822, -51.7457, 32.2319** is the 20% darker color. If you saturate the color by 10%, you get **85.4706, -66.8912, 37.5682**, and if you desaturate by 10%, it is **85.8027, -65.0829, 34.6397**.

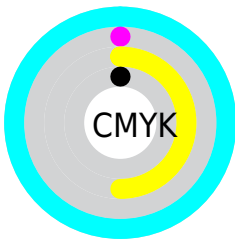
Distribution



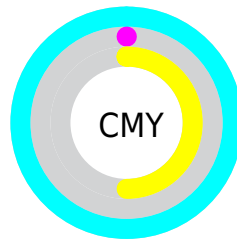
- Red (0%)
- Green (100%)
- Blue (50%)



- Red (0%)
- Yellow (67%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)





- Cyan (100%)
- Magenta (0%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.4706, -66.8908, 37.5672 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 85.4706, -66.8908, 37.5672 by changing the saturation by 10% instead.


 85.4706, -66.8908,
37.5672

 85.4706, -66.8908,
37.5672


217.0707,
-103.9371, 62.8927

 73.4975, -62.0690,
34.3724


 111.1538,
-75.9587, 43.6390


 62.1424, -57.0049,
31.0447


 124.8143,
-80.2624, 46.5499

 51.4410, -51.6441,
27.5548


 138.9927,
-84.4408, 49.3936

 41.4359, -45.9133,
23.8673

 153.6706,
-88.5103, 52.1799

 32.1797, -39.7109,
19.9397

 168.8317,
-92.4842, 54.9168

 23.7385, -32.8936,
16.2560

184.4609,

 16.2004, -27.6181,

-96.3739, 57.6109

11.3403

200.5448,
-100.1888, 60.2679

■ 9.6903, -16.9580,
6.7832

0.0000, NaN, NaN

■ 85.4706, -66.8908,
37.5672

■ 85.4706, -66.8908,
37.5672

■ 85.4706, -66.8912,
37.5682

■ 85.8027, -65.0829,
34.6397

■ 86.3198, -62.4646,
31.5138

■ 87.0684, -58.8640,
28.2486

■ 88.0729, -54.2142,
24.8937

■ 89.3496, -48.4943,
21.4980

■ 90.9088, -41.7206,
18.1091

■ 92.7553, -33.9400,
14.7712

■ 94.8891, -25.2225,
11.5241

■ 97.3069, -15.6540,
8.4017

Harmonies

Analogous

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



85.4708, -42.3325, 50.1161



85.4706, -66.8908, 37.5672



85.4708, -75.3581, 6.7157

Triad

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



85.4708, -66.8902, 37.5665



85.4708, -6.7506, -126.4896



85.4708, 86.1567, 35.5313

Complementary

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



85.4706, -66.8908, 37.5672



47.7694, 85.0679, 5.5720

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.



85.4708, 101.0661, 2.5364



85.4706, -66.8908, 37.5672



85.4708, 41.1672, -104.7735

Square

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



85.4708, -66.8902, 37.5665



85.4708, -45.4139, -100.4811



85.4708, 83.1329, -50.8246



85.4708, 45.7712, 49.4448

Rectangle

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



85.4706, -66.8908, 37.5672



85.4708, -72.4425, -26.1263



85.4708, 83.1329, -50.8246



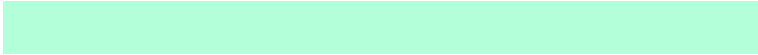
85.4708, 94.6428, 27.0366

Sweetspot

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



85.4708, -66.8902, 37.5665



92.7540, -33.9451, 14.7732



87.4106, -60.5886, 52.8010



42.5359, -17.2771, 7.4818

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.4708, -66.8902, 37.5665



85.4706, -66.8912, 37.5682



88.5830, -47.9531, -7.2034



45.0767, -7.0163, 3.8180



61.8073, -48.2015, 26.7995



19.3432, -14.6872, 7.5281

Inverse Universe

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



47.7694, 85.0679, 5.5720



47.7688, 85.0684, 5.5747



46.1191, 78.9987, 29.6439



42.5901, 2.5406, 1.0390



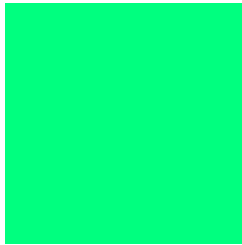
34.5737, 61.6513, 3.4046



10.8900, 19.6071, -0.3867

Previews

White Background



This preview shows how the HunterLab color 85.4706, -66.8908, 37.5672 looks on a white background.

Color Contrast Check

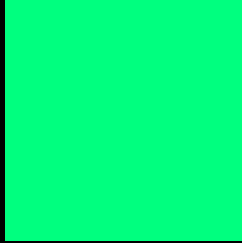
Large Text (above 18pt) WCAG AA × Fail

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 85.4706, -66.8908, 37.5672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

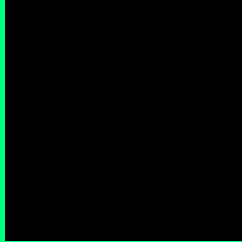
Any Text WCAG AA ✓ Pass

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 85.4706, -66.8908, 37.5672 Background



This preview shows how black text looks on a background with the HunterLab color 85.4706, -66.8908, 37.5672.



This preview shows how white text looks on a background with the HunterLab color 85.4706, -66.8908, 37.5672.

-66.8908, 37.5672.

Color Blindness Simulation

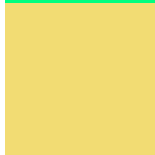
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

85.4706, -66.8908, 37.5672



Protanopia

84.4402, -9.7192, 40.4728



Deuteranopia

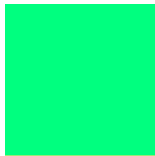
84.5534, 3.2808, 27.8616



Tritanopia

85.1939, -30.0957, -13.8723

Trichromacy



Original Color

85.4706, -66.8908, 37.5672



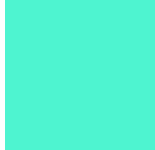
Protanomaly

81.5351, -42.4299, 36.8076



Deuteranomaly

80.8518, -35.1908, 28.0452



Tritanomaly

84.1874, -47.9344, 9.0102

Monochromacy



Original Color

85.4706, -66.8908, 37.5672



Achromatopsia

60.9293, -3.2510, 3.3104



Achromatomaly

67.1639, -34.4550, 14.9372

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.4706, -66.8908, 37.5672 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, 127)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 127)  
}
```

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, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 127) }
```

Border

The CSS property to change the border of an element to HunterLab 85.4706, -66.8908, 37.5672 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, 127) }
```


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

```
.border{ border-color:rgb(0, 255, 127) }
```

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, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 127);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
127) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.4706, -66.8908, 37.5672 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, 127) }
```

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

```
.background{ background-color: rgb(0, 255,  
127) }
```

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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