

Converting Colors

HunterLab(85.9959, -66.4706,
51.8266)

Have a look what the booklet for
HunterLab(85.9959, -66.4706,
51.8266) contains.

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Color

**HunterLab(85.9959,
-66.4706, 51.8266)**

Conversions

Conversions Part 1

Format	Color
Hex	5FFF00
RGB	95, 255, 0
RGB Percent	37%, 100%, 0%
CMY	0.6275, 0.0000, 0.9998
CMYK	0.63, 0.00, 1.00, 0.00
HSL	98°, 100%, 50%
HSV	98°, 100%, 100%
XYZ	40.4794, 73.9529, 12.1409
YIQ	178.0900, -13.5050, -113.2250

Conversions

Conversions Part 2

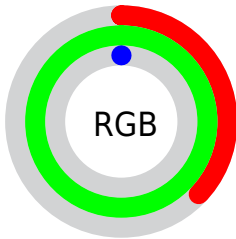
Format	Color
RYB	0, 255, 160
Decimal	6291200
CIELab	88.90, -75.97, 84.60
CIELCh	89, 113.702, 131.925
Yxy	73.9530, 0.3198, 0.5843
Android (android.graphics.Color)	4284481280 (0xFF5FFF00)
YUV	178.0900, -87.7984, -72.8699
Hunter-Lab	85.9959, -66.4706, 51.8266

Details

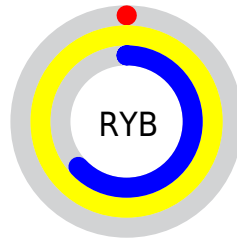
The HunterLab color **85.9959, -66.4706, 51.8266** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark saturated green. A complement of this color would be **38.3386, 84.4819, -121.2064**, and the grayscale version is **67.1215, -3.5814, 3.6468**.

A 20% lighter version of the original color is **89.4968, -51.2309, 47.3900**, and **63.1922, -54.1873, 37.9901** is the 20% darker color. If you saturate the color by 10%, you get **85.9951, -66.4738, 51.8260**, and if you desaturate by 10%, it is **86.5865, -63.9174, 51.5844**.

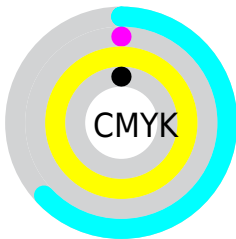
Distribution



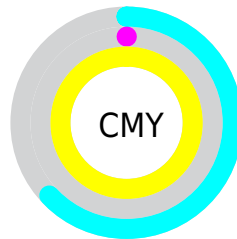
- Red (37%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (63%)



- Cyan (63%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)



- Cyan (63%)
- Magenta (0%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.9959, -66.4706, 51.8266 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 85.9959, -66.4706, 51.8266 by changing the saturation by 10% instead.

85.9959, -66.4706,
51.8266

85.9959, -66.4706,
51.8266

217.7868,
-103.0825, 93.5508

73.9970, -61.7139,
46.4161

111.7270,
-75.4226, 62.0650

62.6147, -56.7204,
40.7909

125.4100,
-79.6737, 66.9316

51.8845, -51.4373,
34.9448

139.6101,
-83.8024, 71.6527

41.8488, -45.7932,
29.2941

154.3090,
-87.8247, 76.2435

32.5593, -39.6891,
22.7915

169.4904,
-91.7536, 80.7175

24.0817, -32.9846,
16.8572

185.1393,

16.5027, -27.4286,

-95.6003, 85.0867

11.5519

201.2423,
-99.3739, 89.3614

■ 9.9453, -17.4043,
6.9617

0.0000, NaN, NaN

■ 85.9959, -66.4706,
51.8266

■ 85.9959, -66.4706,
51.8266

■ 85.9951, -66.4738,
51.8260

■ 86.5865, -63.9174,
51.5844

■ 87.3337, -60.6312,
50.6238

■ 88.2551, -56.5303,
48.7330

■ 89.3600, -51.5886,
45.8129

■ 90.6542, -45.8042,
41.8061

■ 92.1409, -39.1949,
36.6875

■ 93.8211, -31.7935,
30.4585

■ 95.6936, -23.6446,
23.1421

■ 97.7557, -14.8010,
14.7779

Harmonies

Analogous

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



85.9959, -26.1749, 57.0314



85.9959, -66.4706, 51.8266



85.9959, -86.2074, 31.2421

Triad

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



85.9959, -66.4703, 51.8258



85.9959, -36.1475, -166.1922



85.9959, 131.7670, 23.6271

Complementary

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



85.9959, -66.4706, 51.8266



38.3386, 84.4819, -121.2064

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.



85.9959, 127.0482, -34.5527



85.9959, -66.4706, 51.8266



85.9959, 19.3521, -173.6947

Square

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



85.9959, -66.4703, 51.8258



85.9959, -72.1187, -98.7770



85.9959, 81.9967, -115.3387



85.9959, 93.5755, 49.3678

Rectangle

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



85.9959, -66.4706, 51.8266



85.9959, -89.2667, 1.0892



85.9959, 81.9967, -115.3387



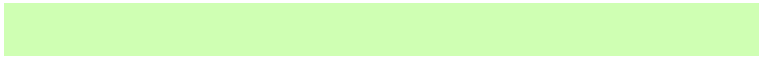
85.9959, 135.3737, 8.1242

Sweetspot

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



85.9959, -66.4703, 51.8258



93.8183, -31.8054, 30.4689



67.4268, 23.2162, 41.9536



43.0661, -16.2016, 15.3732

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.9959, -66.4703, 51.8258



85.9951, -66.4738, 51.8260



84.6244, -72.1738, 50.0311



45.2743, -6.6435, 6.6393



62.2247, -47.7886, 37.5059



19.5697, -14.2718, 11.8089

Inverse Universe

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



38.3386, 84.4819, -121.2064



38.3355, 84.4839, -121.2199



51.6827, 99.0490, -48.3477



42.3586, 2.1400, -2.2055



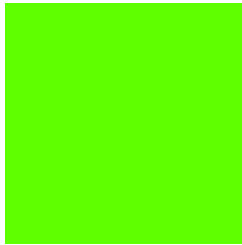
27.8693, 61.2634, -86.9231



9.0475, 19.5539, -25.6251

Previews

White Background



This preview shows how the HunterLab color 85.9959, -66.4706, 51.8266 looks on a white background.

Color Contrast Check

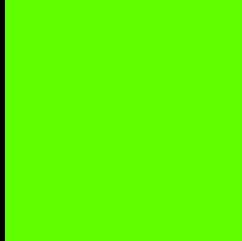
Large Text (above 18pt) WCAG AA × Fail

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 85.9959, -66.4706, 51.8266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

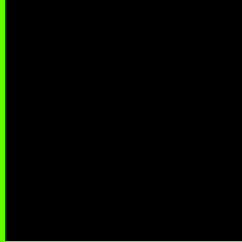
Any Text WCAG AA ✓ Pass

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 85.9959, -66.4706, 51.8266 Background



This preview shows how black text looks on a background with the HunterLab color 85.9959, -66.4706, 51.8266.



This preview shows how white text looks on a background with the HunterLab color 85.9959,

-66.4706, 51.8266.

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

85.9959, -66.4706, 51.8266

Protanopia

85.1860, -11.7302, 52.2859

Deuteranopia

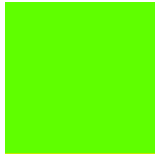
85.0066, 1.4634, 30.4689



Tritanopia

85.4696, -25.5733, -13.4108

Trichromacy



Original Color

85.9959, -66.4706, 51.8266



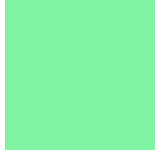
Protanomaly

83.8540, -36.7526, 51.0270



Deuteranomaly

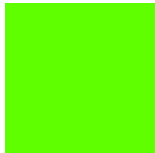
83.2855, -30.9264, 42.3753



Tritanomaly

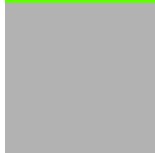
84.3478, -47.7721, 27.1107

Monochromacy



Original Color

85.9959, -66.4706, 51.8266



Achromatopsia

66.7234, -3.5602, 3.6252



Achromatomaly

71.8546, -33.1731, 30.8047

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.9959, -66.4706, 51.8266 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(95, 255, 0)` looks like.

```
.text, #text, p{  
    color:rgb(95, 255, 0)  
}
```

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(95, 255, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 255, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 85.9959, -66.4706, 51.8266 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(95, 255, 0) }
```


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

```
.border{ border-color:rgb(95, 255, 0) }
```

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

Here you see how a box with a 4 pixel rgb(95, 255, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 255, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 255, 0);  
box-shadow:4px 4px 4px 4px rgb(95, 255, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 85.9959, -66.4706, 51.8266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 255, 0) }
```

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

```
.background{ background-color: rgb(95, 255,  
0) }
```

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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