

Converting Colors

HunterLab(85.9922, -59.6374,
49.4986)

Have a look what the booklet for
HunterLab(85.9922, -59.6374,
49.4986) contains.

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Color

**HunterLab(86.1668,
-59.7804, 49.6476)**

Conversions

Conversions Part 1

Format	Color
Hex	7DFC36
RGB	125, 252, 54
RGB Percent	49%, 99%, 21%
CMY	0.5098, 0.0117, 0.7882
CMYK	0.50, 0.00, 0.79, 0.01
HSL	98°, 97%, 60%
HSV	98°, 79%, 99%
XYZ	43.9337, 74.2472, 15.5056
YIQ	191.4550, -12.1340, -88.5020

Conversions

Conversions Part 2

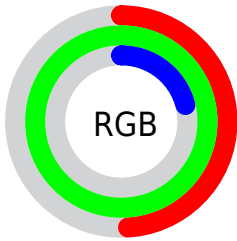
Format	Color
RYB	54, 252, 181
Decimal	8256566
CIELab	89.04, -66.16, 76.66
CIELCh	89, 101.262, 130.796
Yxy	74.2503, 0.3286, 0.5554
Android (android.graphics.Color)	4286446646 (0xFF7DFC36)
YUV	191.4550, -67.7653, -58.2810
Hunter-Lab	86.1668, -59.7804, 49.6476

Details

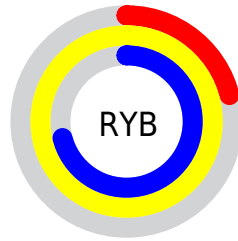
The HunterLab color **86.1668, -59.7804, 49.6476** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **44.1512, 76.1666, -95.1402**, and the grayscale version is **72.6551, -3.8767, 3.9475**.

A 20% lighter version of the original color is **91.2939, -43.6125, 44.7606**, and **62.7888, -50.4001, 37.8078** is the 20% darker color. If you saturate the color by 10%, you get **85.4122, -63.1229, 50.7272**, and if you desaturate by 10%, it is **87.1026, -55.6134, 47.6362**.

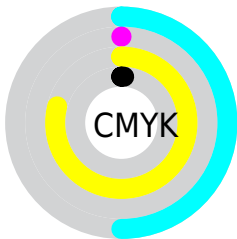
Distribution



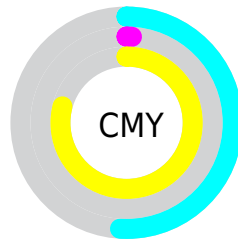
- Red (49%)
- Green (99%)
- Blue (21%)



- Red (21%)
- Yellow (99%)
- Blue (71%)



- Cyan (50%)
- Magenta (0%)
- Yellow (79%)
- Black (1%)



- Cyan (51%)
- Magenta (1%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.1668, -59.7804, 49.6476 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 86.1668, -59.7804, 49.6476 by changing the saturation by 10% instead.

86.1668, -59.7804,
49.6476

86.1668, -59.7804,
49.6476

218.0222,
-92.2826, 87.8487

74.1613, -55.6072,
44.6972

111.9154,
-67.6694, 59.0064

62.7701, -51.2359,
39.5367

125.6059,
-71.4286, 63.4544

52.0305, -46.6233,
34.1486

139.8131,
-75.0879, 67.7716

41.9846, -41.7079,
28.6099

154.5189,
-78.6608, 71.9727

32.6843, -36.4029,
22.8790

169.7069,
-82.1582, 76.0706

24.1947, -30.5818,
16.9363

185.3623,

16.6024, -24.8783,

-85.5893, 80.0763

11.6217

201.4716,
-88.9619, 83.9996

■ 10.0296, -17.5517,
7.0207

0.0000, NaN, NaN

■ 86.1668, -59.7804,
49.6476

■ 86.1668, -59.7804,
49.6476

■ 85.4122, -63.1229,
50.7272

■ 87.1026, -55.6134,
47.6362

■ 84.8185, -65.6993,
51.0422

■ 88.2231, -50.5949,
44.6017

■ 84.7440, -66.0218,
51.0630

■ 89.5354, -44.7285,
40.4939

■ 91.0426, -38.0351,
35.2933

■ 92.7450, -30.5508,
29.0062

■ 94.6414, -22.3228,
21.6593

■ 96.7286, -13.4065,
13.2953

■ 98.9824, -3.9710,
4.2533

■ 99.0474, -3.7456,
4.3346

Harmonies

Analogous

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



86.1686, -22.2167, 55.2232



86.1668, -59.7804, 49.6476



86.1686, -79.0466, 30.0843

Triad

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



86.1686, -59.7820, 49.6480



86.1686, -34.5520, -138.1445



86.1686, 114.4699, 20.4018

Complementary

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



86.1668, -59.7804, 49.6476



44.1512, 76.1666, -95.1402

Split Complementary

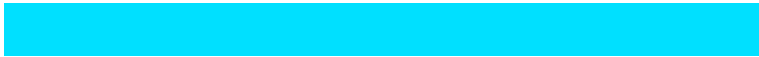
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.1686, 108.9709, -31.9935



86.1668, -59.7804, 49.6476



86.1686, 14.5514, -146.5273

Square

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



86.1686, -59.7820, 49.6480



86.1686, -66.9970, -81.2595



86.1686, 69.3075, -100.0691



86.1686, 82.9383, 46.0962

Rectangle

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



86.1668, -59.7804, 49.6476



86.1686, -82.3838, 3.3841



86.1686, 69.3075, -100.0691



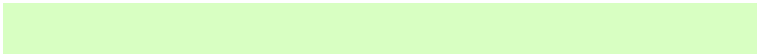
86.1686, 117.0469, 5.9765

Sweetspot

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



86.1686, -59.7820, 49.6480



94.8503, -27.2570, 26.1388



73.0522, 11.4712, 42.3818



43.5723, -13.9592, 13.2825

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.1686, -59.7820, 49.6480



86.2184, -65.4968, 51.6622



84.2578, -67.3784, 45.3434



44.2854, -6.5407, 6.4727



61.2233, -47.3916, 36.8958



18.7851, -13.7834, 11.3340

Inverse Universe

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



44.1512, 76.1666, -95.1402



40.0143, 84.3196, -114.0494



53.6702, 89.4644, -44.5348



41.4670, 2.1354, -2.1281



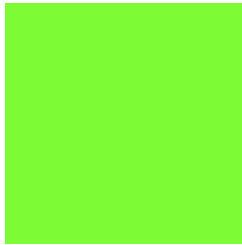
27.8013, 60.7790, -84.1150



8.8060, 18.9310, -24.1580

Previews

White Background



This preview shows how the HunterLab color 86.1668, -59.7804, 49.6476 looks on a white background.

Color Contrast Check

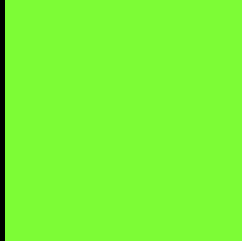
Large Text (above 18pt) WCAG AA × Fail

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 86.1668, -59.7804, 49.6476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

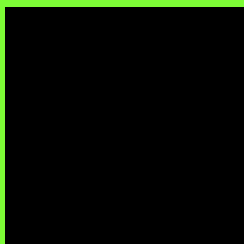
Any Text WCAG AA ✓ Pass

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 86.1668, -59.7804, 49.6476 Background



This preview shows how black text looks on a background with the HunterLab color 86.1668, -59.7804, 49.6476.



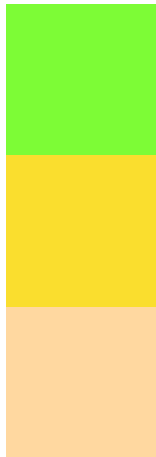
This preview shows how white text looks on a background with the HunterLab color 86.1668,

-59.7804, 49.6476.

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

86.1668, -59.7804, 49.6476

Protanopia

85.3017, -11.0871, 50.5718

Deuteranopia

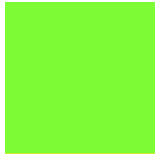
85.3872, 1.3815, 29.5464



Tritanopia

85.9311, -22.2169, -12.1344

Trichromacy



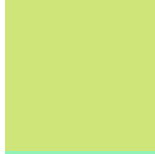
Original Color

86.1668, -59.7804, 49.6476



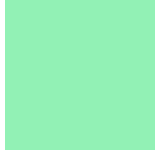
Protanomaly

84.5451, -32.1066, 49.4965



Deuteranomaly

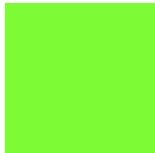
84.1600, -25.3609, 38.6713



Tritanomaly

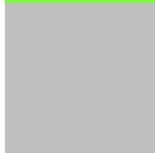
85.0634, -40.4770, 21.2365

Monochromacy



Original Color

86.1668, -59.7804, 49.6476



Achromatopsia

72.1800, -3.8513, 3.9217



Achromatomaly

75.9783, -28.3258, 26.6572

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.1668, -59.7804, 49.6476 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(125, 252, 54)` looks like.

```
.text, #text, p{  
    color:rgb(125, 252, 54)  
}
```

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(125, 252, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 252, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 86.1668, -59.7804, 49.6476 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(125, 252, 54) }
```


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

```
.border{ border-color:rgb(125, 252, 54) }
```

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

Here you see how a box with a 4 pixel rgb(125, 252, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 252, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 252, 54);  
box-shadow:4px 4px 4px 4px rgb(125, 252,  
54) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.1668, -59.7804, 49.6476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 252, 54) }
```

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

```
.background{ background-color: rgb(125,  
252, 54) }
```

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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