

Converting Colors

HunterLab(77.5899, -59.6709,
46.7659)

Have a look what the booklet for
HunterLab(77.5899, -59.6709,
46.7659) contains.

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Color

**HunterLab(77.6869,
-59.7530, 46.8242)**

Conversions

Conversions Part 1

Format	Color
Hex	58E900
RGB	88, 233, 0
RGB Percent	35%, 91%, 0%
CMY	0.6549, 0.0863, 0.9999
CMYK	0.62, 0.00, 1.00, 0.09
HSL	97°, 100%, 46%
HSV	97°, 100%, 91%
XYZ	33.1634, 60.3525, 9.9014
YIQ	163.0830, -11.6270, -103.2030

Conversions

Conversions Part 2

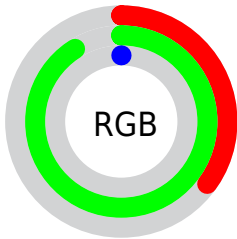
Format	Color
RYB	0, 233, 145
Decimal	5826816
CIELab	82.03, -70.54, 79.08
CIELCh	82, 105.968, 131.735
Yxy	60.3551, 0.3207, 0.5836
Android (android.graphics.Color)	4284016896 (0xFF58E900)
YUV	163.0830, -80.3999, -65.8478
Hunter-Lab	77.6869, -59.7530, 46.8242

Details

The HunterLab color **77.6869, -59.7530, 46.8242** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **34.5071, 76.1385, -109.8669**, and the grayscale version is **60.8784, -3.2483, 3.3076**.

A 20% lighter version of the original color is **88.9351, -53.5807, 47.7084**, and **55.7231, -47.7826, 33.4998** is the 20% darker color. If you saturate the color by 10%, you get **77.6878, -59.7573, 46.8247**, and if you desaturate by 10%, it is **78.2290, -57.4161, 46.5714**.

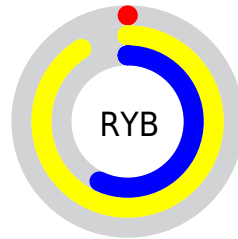
Distribution



Red (35%)

Green (91%)

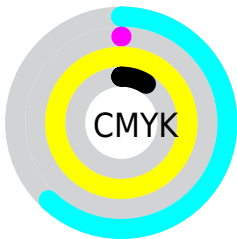
Blue (0%)



Red (0%)

Yellow (91%)

Blue (57%)

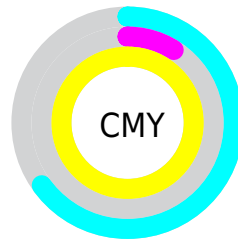


Cyan (62%)

Magenta (0%)

Yellow (100%)

Black (9%)



Cyan (65%)


Magenta (9%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.6869, -59.7530, 46.8242 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 77.6869, -59.7530, 46.8242 by changing the saturation by 10% instead.


 77.6869, -59.7530,
46.8242


 77.6869, -59.7530,
46.8242


206.3748,
-94.7193, 86.8786

 66.1097, -55.1767,
41.5865


 102.6375,
-68.3362, 56.7015


 55.1712, -50.3526,
36.1249


 115.9538,
-72.4003, 61.3814

 44.9130, -45.2221,
30.4579


 129.8007,
-76.3427, 65.9143

 35.3835, -39.7021,
24.7685

 144.1588,
-80.1800, 70.3164

 26.6436, -33.6736,
18.6505

 159.0105,
-83.9259, 74.6021

 18.7723, -27.1831,
13.1406

 174.3398,

 11.8786, -20.7876,

-87.5916, 78.7840

8.3150

190.1323,
-91.1868, 82.8730

■ 4.7416, -8.2977,
3.3191

0.0000, NaN, NaN

■ 77.6869, -59.7530,
46.8242

■ 77.6869, -59.7530,
46.8242

■ 77.6878, -59.7573,
46.8247

■ 78.2290, -57.4161,
46.5714

■ 78.9081, -54.4298,
45.6782

■ 79.7418, -50.7201,
43.9484

■ 80.7383, -46.2650,
41.2956

■ 81.9026, -41.0632,
37.6694

■ 83.2374, -35.1304,
33.0478

■ 84.7436, -28.4957,
27.4321

■ 86.4201, -21.1981,
20.8424

■ 88.2647, -13.2839,
13.3137

Harmonies

Analogous

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



77.6885, -23.3063, 51.4943



77.6869, -59.7530, 46.8242



77.6885, -77.6715, 28.3651

Triad

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



77.6885, -59.7543, 46.8245



77.6885, -32.8503, -149.2674



77.6885, 118.7335, 21.0717

Complementary

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



77.6869, -59.7530, 46.8242



34.5071, 76.1385, -109.8669

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.



77.6885, 114.2244, -31.5266



77.6869, -59.7530, 46.8242



77.6885, 17.0647, -156.4288

Square

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



77.6885, -59.7543, 46.8245



77.6885, -65.1645, -88.4203



77.6885, 73.4958, -104.2358



77.6885, 84.5628, 44.4621

Rectangle

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



77.6869, -59.7530, 46.8242



77.6885, -80.4981, 1.3187



77.6885, 73.4958, -104.2358



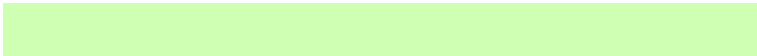
77.6885, 121.8912, 7.0305

Sweetspot

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



77.6885, -59.7543, 46.8245



93.8485, -31.6919, 30.4981



60.9753, 20.7342, 37.9347



43.0815, -16.1432, 15.3875

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.6885, -59.7543, 46.8245



86.0362, -66.3015, 51.8544



76.3942, -65.1328, 45.1186



41.3995, -6.0249, 6.0440



58.5748, -44.7785, 35.3096



16.5761, -11.8723, 10.0063

Inverse Universe

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



34.5071, 76.1385, -109.8669



38.1601, 84.2700, -122.0043



46.6613, 89.4366, -43.7359



38.7469, 1.9025, -1.9852



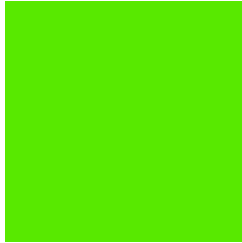
26.1311, 57.5249, -82.1415



7.6873, 16.5746, -21.4652

Previews

White Background



This preview shows how the HunterLab color 77.6869, -59.7530, 46.8242 looks on a white background.

Color Contrast Check

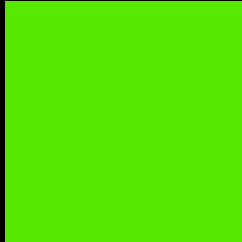
Large Text (above 18pt) WCAG AA × Fail

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 77.6869, -59.7530, 46.8242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

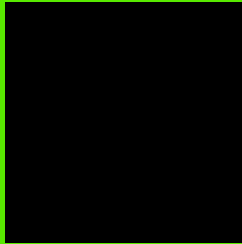
Any Text WCAG AA ✓ Pass

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 77.6869, -59.7530, 46.8242 Background



This preview shows how black text looks on a background with the HunterLab color 77.6869, -59.7530, 46.8242.



This preview shows how white text looks on a background with the HunterLab color 77.6869,

-59.7530, 46.8242.

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

77.6869, -59.7530, 46.8242

Protanopia

76.9453, -10.8895, 47.2227

Deuteranopia

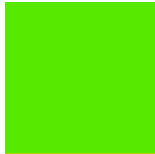
76.8062, 5.6751, 45.1839



Tritanopia

77.5599, -23.9573, -12.1329

Trichromacy



Original Color

77.6869, -59.7530, 46.8242



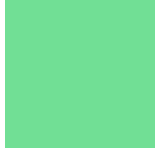
Protanomaly

75.7893, -33.2931, 46.1182



Deuteranomaly

74.9626, -24.4876, 44.7376



Tritanomaly

76.4565, -43.6284, 24.2987

Monochromacy



Original Color

77.6869, -59.7530, 46.8242



Achromatopsia

60.5188, -3.2291, 3.2881



Achromatomaly

64.9616, -29.5041, 27.5593

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.6869, -59.7530, 46.8242 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(88, 233, 0)` looks like.

```
.text, #text, p{  
    color:rgb(88, 233, 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(88, 233, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 233, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 77.6869, -59.7530, 46.8242 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(88, 233, 0) }
```


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

```
.border{ border-color:rgb(88, 233, 0) }
```

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

Here you see how a box with a 4 pixel rgb(88, 233, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 233, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 233, 0);  
box-shadow:4px 4px 4px 4px rgb(88, 233, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 77.6869, -59.7530, 46.8242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 233, 0) }
```

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

```
.background{ background-color: rgb(88, 233,  
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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