

Converting Colors

HunterLab(77.7483, -59.5040,
46.8664)

Have a look what the booklet for
HunterLab(77.7483, -59.5040,
46.8664) contains.

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Color

**HunterLab(77.7506,
-59.4861, 46.8681)**

Conversions

Conversions Part 1

Format	Color
Hex	5AE900
RGB	90, 233, 0
RGB Percent	35%, 91%, 0%
CMY	0.6471, 0.0863, 0.9999
CMYK	0.61, 0.00, 1.00, 0.09
HSL	97°, 100%, 46%
HSV	97°, 100%, 91%
XYZ	33.3554, 60.4516, 9.9104
YIQ	163.6810, -10.4350, -102.7790

Conversions

Conversions Part 2

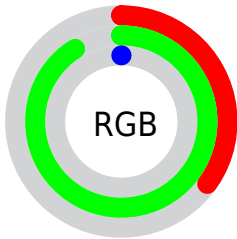
Format	Color
RYB	0, 233, 143
Decimal	5957888
CIELab	82.08, -70.09, 79.14
CIELCh	82, 105.720, 131.530
Yxy	60.4541, 0.3216, 0.5828
Android (android.graphics.Color)	4284147968 (0xFF5AE900)
YUV	163.6810, -80.6947, -64.6182
Hunter-Lab	77.7506, -59.4861, 46.8681

Details

The HunterLab color **77.7506, -59.4861, 46.8681** 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 **34.2452, 75.8202, -111.0470**, and the grayscale version is **61.1250, -3.2615, 3.3210**.

A 20% lighter version of the original color is **89.0463, -53.1332, 47.7924**, and **55.7231, -47.7826, 33.4998** is the 20% darker color. If you saturate the color by 10%, you get **77.7515, -59.4906, 46.8686**, and if you desaturate by 10%, it is **78.2974, -57.1320, 46.6190**.

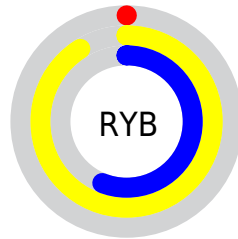
Distribution



Red (35%)

Green (91%)

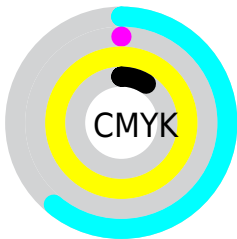
Blue (0%)



Red (0%)

Yellow (91%)

Blue (56%)

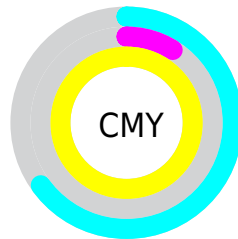


Cyan (61%)

Magenta (0%)

Yellow (100%)

Black (9%)



Cyan (65%)

Magenta (9%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.7506, -59.4861, 46.8681 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 77.7506, -59.4861, 46.8681 by changing the saturation by 10% instead.

■ 77.7506, -59.4861,
46.8681

■ 77.7506, -59.4861,
46.8681

206.4630,
-94.2547, 86.9457

■ 66.1701, -54.9386,
41.6278

■ 102.7074,
-68.0173, 56.7508

■ 55.2280, -50.1456,
36.1636

■ 116.0266,
-72.0576, 61.4334

■ 44.9660, -45.0490,
30.4937

■ 129.8763,
-75.9774, 65.9688

■ 35.4325, -39.5664,
24.8028

■ 144.2371,
-79.7932, 70.3735

■ 26.6882, -33.5796,
18.6817

■ 159.0913,
-83.5185, 74.6618

■ 18.8119, -27.1075,
13.1684

■ 174.4232,

■ 11.9127, -20.8473,

-87.1645, 78.8463

8.3389

190.2181,
-90.7406, 82.9377

■ 4.8037, -8.4065,
3.3626

0.0000, NaN, NaN

■ 77.7506, -59.4861,
46.8681

■ 77.7506, -59.4861,
46.8681

■ 77.7515, -59.4906,
46.8686

■ 78.2974, -57.1320,
46.6190

■ 78.9789, -54.1385,
45.7286

■ 79.8128, -50.4323,
44.0008

■ 80.8068, -45.9913,
41.3489

■ 81.9660, -40.8141,
37.7219

■ 83.2932, -34.9158,
33.0974

■ 84.7892, -28.3243,
27.4759

■ 86.4529, -21.0777,
20.8765

■ 88.2823, -13.2210,
13.3333

Harmonies

Analogous

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



77.7522, -22.9613, 51.5067



77.7506, -59.4861, 46.8681



77.7522, -77.5124, 28.5385

Triad

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



77.7522, -59.4874, 46.8684



77.7522, -33.0851, -148.4629



77.7522, 118.5058, 20.7957

Complementary

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



77.7506, -59.4861, 46.8681



34.2452, 75.8202, -111.0470

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.



77.7522, 113.7308, -31.8866



77.7506, -59.4861, 46.8681



77.7522, 16.6330, -156.0383

Square

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



77.7522, -59.4874, 46.8684



77.7522, -65.2314, -87.6260



77.7522, 72.9377, -104.3632



77.7522, 84.6609, 44.3510

Rectangle

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



77.7506, -59.4861, 46.8681



77.7522, -80.4087, 1.6759



77.7522, 72.9377, -104.3632



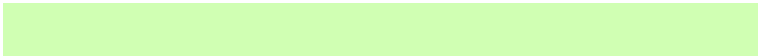
77.7522, 121.5589, 6.7047

Sweetspot

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



77.7522, -59.4874, 46.8684



93.8991, -31.5015, 30.5470



60.0225, 22.7103, 37.3822



43.1072, -16.0453, 15.4116

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.7522, -59.4874, 46.8684



86.1064, -66.0072, 51.9028



76.3831, -65.2024, 45.2826



41.4073, -5.9971, 6.0530



58.6234, -44.5750, 35.3431



16.5909, -11.8110, 10.0165

Inverse Universe

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



34.2452, 75.8202, -111.0470



37.8691, 83.9170, -123.3196



46.8655, 90.1518, -46.4393



38.7383, 1.8735, -1.9968



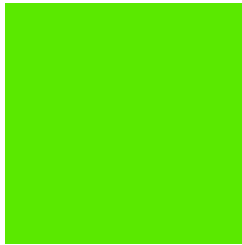
25.9355, 57.2863, -83.0148



7.6377, 16.5117, -21.6691

Previews

White Background



This preview shows how the HunterLab color 77.7506, -59.4861, 46.8681 looks on a white background.

Color Contrast Check

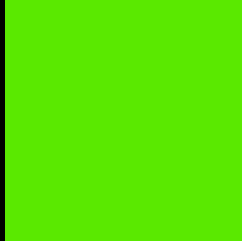
Large Text (above 18pt) WCAG AA × Fail

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 77.7506, -59.4861, 46.8681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

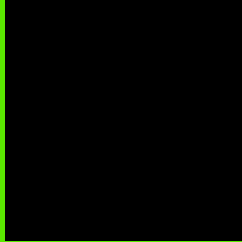
Any Text WCAG AA ✓ Pass

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 77.7506, -59.4861, 46.8681 Background



This preview shows how black text looks on a background with the HunterLab color 77.7506, -59.4861, 46.8681.



This preview shows how white text looks on a background with the HunterLab color 77.7506,

-59.4861, 46.8681.

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

77.7506, -59.4861, 46.8681

Protanopia

76.9453, -10.8895, 47.2227

Deuteranopia

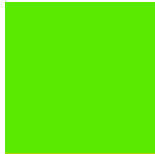
76.9292, 6.0871, 45.2705



Tritanopia

77.6101, -23.7698, -12.0602

Trichromacy



Original Color

77.7506, -59.4861, 46.8681



Protanomaly

75.8671, -32.9930, 46.1713



Deuteranomaly

75.0511, -24.1558, 44.7992



Tritanomaly

76.5442, -43.2783, 24.3841

Monochromacy



Original Color

77.7506, -59.4861, 46.8681



Achromatopsia

60.9293, -3.2510, 3.3104



Achromatomaly

65.3552, -29.6685, 27.8709

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.7506, -59.4861, 46.8681 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(90, 233, 0)` looks like.

```
.text, #text, p{  
    color:rgb(90, 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(90, 233, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 233, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 77.7506, -59.4861, 46.8681 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(90, 233, 0) }
```


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

```
.border{ border-color:rgb(90, 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(90, 233, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 233, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 233, 0);  
box-shadow:4px 4px 4px 4px rgb(90, 233, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 77.7506, -59.4861, 46.8681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 233, 0) }
```

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

```
.background{ background-color: rgb(90, 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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