

Converting Colors

HunterLab(79.6558, -59.2865,
48.0456)

Have a look what the booklet for
HunterLab(79.6558, -59.2865,
48.0456) contains.

HunterLab(79.5833, -59.3080, 48.0006)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(79.5833,
-59.3080, 48.0006)**

Conversions

Conversions Part 1

Format	Color
Hex	65ED00
RGB	101, 237, 0
RGB Percent	40%, 93%, 0%
CMY	0.6039, 0.0706, 0.9999
CMYK	0.57, 0.00, 1.00, 0.07
HSL	94°, 100%, 46%
HSV	94°, 100%, 93%
XYZ	35.6510, 63.3350, 10.3458
YIQ	169.3180, -4.9790, -102.5390

Conversions

Conversions Part 2

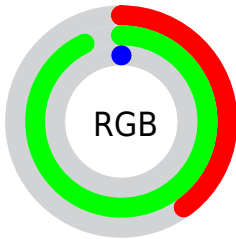
Format	Color
RYB	0, 237, 136
Decimal	6679808
CIELab	83.62, -68.80, 80.49
CIELCh	84, 105.887, 130.523
Yxy	63.3377, 0.3261, 0.5793
Android (android.graphics.Color)	4284869888 (0xFF65ED00)
YUV	169.3180, -83.4738, -59.9149
Hunter-Lab	79.5833, -59.3080, 48.0006

Details

The HunterLab color **79.5833, -59.3080, 48.0006** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **33.6938, 75.8436, -118.9026**, and the grayscale version is **63.4580, -3.3860, 3.4478**.

A 20% lighter version of the original color is **89.5771, -50.9872, 48.0488**, and **57.1336, -48.9921, 34.3478** is the 20% darker color. If you saturate the color by 10%, you get **79.5843, -59.3124, 48.0011**, and if you desaturate by 10%, it is **80.1584, -56.8473, 47.7696**.

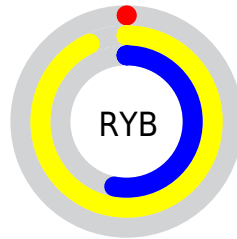
Distribution



Red (40%)

Green (93%)

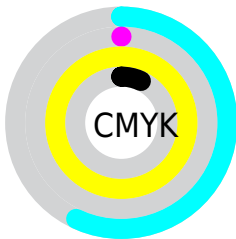
Blue (0%)



Red (0%)

Yellow (93%)

Blue (53%)

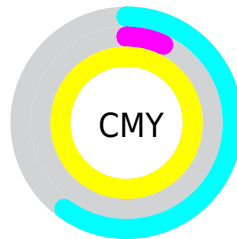


Cyan (57%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (60%)


Magenta (7%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 79.5833, -59.3080, 48.0006 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 79.5833, -59.3080, 48.0006 by changing the saturation by 10% instead.


 79.5833, -59.3080,
48.0006


 79.5833, -59.3080,
48.0006


208.9962,
-93.3792, 88.5079

 67.9076, -54.8727,
42.7148


 104.7170,
-67.6447, 57.9782


 56.8649, -50.2052,
37.2070


 118.1190,
-71.5991, 62.7092


 46.4956, -45.2514,
31.4809


 132.0484,
-75.4389, 67.2932

 36.8467, -39.9345,
25.7927

 146.4861,
-79.1796, 71.7463

 27.9766, -34.1448,
19.5836

 161.4147,
-82.8342, 76.0827

 19.9609, -27.7256,
13.9726

 176.8185,

 12.9028, -22.5800,

-86.4133, 80.3148

9.0320

192.6833,
-89.9258, 84.4534

■ 6.3303, -11.0780,
4.4312

0.0000, NaN, NaN

■ 79.5833, -59.3080,
48.0006

■ 79.5833, -59.3080,
48.0006

■ 79.5843, -59.3124,
48.0011

■ 80.1584, -56.8473,
47.7696

■ 80.8608, -53.7801,
46.8789

■ 81.7076, -50.0343,
45.1299

■ 82.7063, -45.5871,
42.4323

■ 83.8618, -40.4352,
38.7317

■ 85.1769, -34.5909,
34.0021

■ 86.6525, -28.0784,
28.2402

■ 88.2880, -20.9311,
21.4615

■ 90.0816, -13.1897,
13.6966

Harmonies

Analogous

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



79.5850, -21.6834, 52.5700



79.5833, -59.3080, 48.0006



79.5850, -78.2260, 29.9489

Triad

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



79.5850, -59.3094, 48.0009



79.5850, -34.8936, -147.4053



79.5850, 119.6928, 19.8046

Complementary

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



79.5833, -59.3080, 48.0006



33.6938, 75.8436, -118.9026

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.



79.5850, 113.5116, -34.3106



79.5833, -59.3080, 48.0006



79.5850, 14.8250, -157.1579

Square

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



79.5850, -59.3094, 48.0009



79.5850, -66.8372, -85.4404



79.5850, 71.6059, -107.0348



79.5850, 86.8020, 44.6432

Rectangle

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



79.5833, -59.3080, 48.0006



79.5850, -81.5294, 3.4606



79.5850, 71.6059, -107.0348



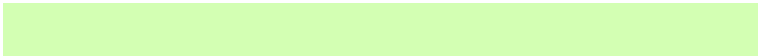
79.5850, 122.2881, 5.1937

Sweetspot

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



79.5850, -59.3094, 48.0009



94.1368, -30.6090, 30.7767



59.2817, 27.2245, 37.0048



43.2286, -15.5852, 15.5250

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.5850, -59.3094, 48.0009



86.4575, -64.5389, 52.1448



77.8512, -66.5875, 46.4375



41.4437, -5.8672, 6.0946



58.8657, -43.5633, 35.5101



16.6632, -11.5126, 10.0663

Inverse Universe

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



33.6938, 75.8436, -118.9026



36.5558, 82.3529, -129.4777



48.2052, 93.4014, -52.9750



38.6984, 1.7387, -2.0504



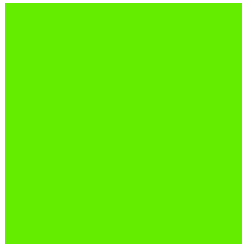
25.0517, 56.2269, -87.1056



7.4116, 16.2293, -22.6265

Previews

White Background



This preview shows how the HunterLab color 79.5833, -59.3080, 48.0006 looks on a white background.

Color Contrast Check

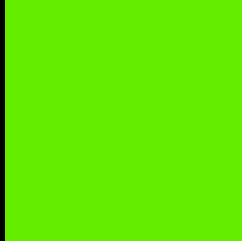
Large Text (above 18pt) WCAG AA × Fail

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 79.5833, -59.3080, 48.0006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

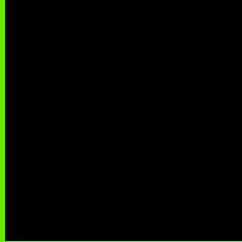
Any Text WCAG AA ✓ Pass

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 79.5833, -59.3080, 48.0006 Background



This preview shows how black text looks on a background with the HunterLab color 79.5833, -59.3080, 48.0006.



This preview shows how white text looks on a background with the HunterLab color 79.5833,

-59.3080, 48.0006.

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

79.5833, -59.3080, 48.0006

Protanopia

78.7079, -10.9255, 48.3082

Deuteranopia

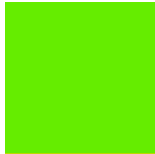
78.6539, 5.0713, 41.9184



Tritanopia

79.1693, -22.7867, -12.1930

Trichromacy



Original Color

79.5833, -59.3080, 48.0006



Protanomaly

77.7542, -32.5821, 47.3413



Deuteranomaly

77.1394, -24.4170, 44.3274



Tritanomaly

78.0462, -42.5936, 25.1041

Monochromacy



Original Color

79.5833, -59.3080, 48.0006



Achromatopsia

62.9885, -3.3609, 3.4223



Achromatomaly

67.5245, -29.6107, 28.6327

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.5833, -59.3080, 48.0006 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(101, 237, 0)` looks like.

```
.text, #text, p{  
    color:rgb(101, 237, 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(101, 237, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 237, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 79.5833, -59.3080, 48.0006 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(101, 237, 0) }
```


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

```
.border{ border-color:rgb(101, 237, 0) }
```

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

Here you see how a box with a 4 pixel rgb(101, 237, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 237, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 237, 0);  
box-shadow:4px 4px 4px 4px rgb(101, 237,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.5833, -59.3080, 48.0006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 237, 0) }
```

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

```
.background{ background-color: rgb(101,  
237, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor