

# Converting Colors

HunterLab(80.3445, -56.4414,  
48.5191)

Have a look what the booklet for  
HunterLab(80.3445, -56.4414,  
48.5191) contains.

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# Color

**HunterLab(80.3059,  
-56.3109, 48.4983)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77ED00
RGB	119, 237, 0
RGB Percent	47%, 93%, 0%
CMY	0.5333, 0.0706, 0.9999
CMYK	0.50, 0.00, 1.00, 0.07
HSL	90°, 100%, 46%
HSV	90°, 100%, 93%
XYZ	37.8920, 64.4904, 10.4508
YIQ	174.7000, 5.7490, -98.7230

# Conversions

## Conversions Part 2

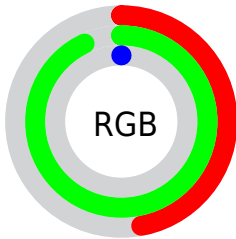
Format	Color
<a href="#">RYB</a>	<a href="#">0, 237, 118</a>
Decimal	<a href="#">7859456</a>
CIELab	<a href="#">84.22, -63.99, 81.22</a>
CIELCh	<a href="#">84, 103.402, 128.234</a>
Yxy	<a href="#">64.4931, 0.3358, 0.5716</a>
Android (android.graphics.Color)	<a href="#">4286049536 (0xFF77ED00)</a>
YUV	<a href="#">174.7000, -86.1271, -48.8489</a>
Hunter-Lab	<a href="#">80.3059, -56.3109, 48.4983</a>

# Details

The HunterLab color **80.3059, -56.3109, 48.4983** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **31.5748, 73.4321, -129.7128**, and the grayscale version is **65.6975, -3.5055, 3.5695**.

A 20% lighter version of the original color is **90.5897, -46.9683, 48.8130**, and **57.7022, -46.5714, 34.7405** is the 20% darker color. If you saturate the color by 10%, you get **80.3068, -56.3157, 48.4988**, and if you desaturate by 10%, it is **80.8984, -53.8051, 48.2845**.

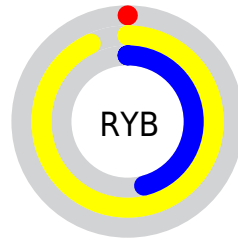
# Distribution



Red (47%)

Green (93%)

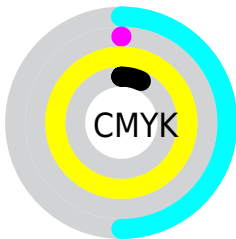
Blue (0%)



Red (0%)

Yellow (93%)

Blue (46%)

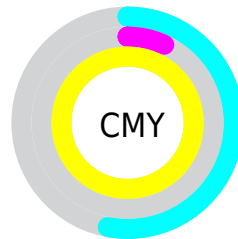


Cyan (50%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (53%)

Magenta (7%)


Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.3059, -56.3109, 48.4983 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 80.3059, -56.3109, 48.4983 by changing the saturation by 10% instead.





 80.3059, -56.3109,  
48.4983


 80.3059, -56.3109,  
48.4983


209.9925,  
-88.2930, 89.2638


 68.5932, -52.1782,  
43.1831


 105.5087,  
-64.0996, 58.5354


 57.5112, -47.8370,  
37.6466


 118.9430,  
-67.8028, 63.2961


 47.1001, -43.2388,  
31.8906


 132.9036,  
-71.4039, 67.9094

 37.4063, -38.3139,  
26.1844

 147.3713,  
-74.9169, 72.3915

 28.4874, -32.9618,  
19.9412

 162.3289,  
-78.3535, 76.7564

 20.4177, -27.0325,  
14.2924

 177.7608,

 13.2983, -23.2720,

-81.7232, 81.0164

9.3088

193.6530,  
-85.0341, 85.1824

■ 6.8366, -11.9640,  
4.7856

0.0000, NaN, NaN

■ 80.3059, -56.3109,  
48.4983

■ 80.3059, -56.3109,  
48.4983

■ 80.3068, -56.3157,  
48.4988

■ 80.8984, -53.8051,  
48.2845

■ 81.5992, -50.7767,  
47.4045

■ 82.4244, -47.1554,  
45.6595

■ 83.3810, -42.9170,  
42.9571

■ 84.4738, -38.0543,  
39.2388

■ 85.7055, -32.5731,  
34.4729

■ 87.0775, -26.4895,  
28.6497

■ 88.5899, -19.8282,  
21.7771

■ 90.2415, -12.6197,  
13.8779

# Harmonies

## Analogous

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



80.3076, -17.8267, 52.7003



80.3059, -56.3109, 48.4983



80.3076, -76.4505, 31.7917

# Triad

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



80.3076, -56.3124, 48.4986



80.3076, -37.4442, -138.9982



80.3076, 117.2898, 16.5911

# Complementary

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



80.3059, -56.3109, 48.4983



31.5748, 73.4321, -129.7128

# 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.



80.3076, 108.2688, -38.3651



80.3059, -56.3109, 48.4983



80.3076, 10.2088, -153.0603

# Square

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



80.3076, -56.3124, 48.4986



80.3076, -67.5964, -77.1924



80.3076, 65.6729, -108.4811



80.3076, 87.9160, 43.2727



# Rectangle

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



80.3059, -56.3109, 48.4983



80.3076, -80.5504, 7.1868



80.3076, 65.6729, -108.4811



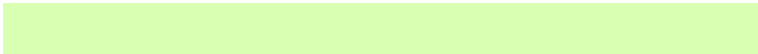
80.3076, 118.7646, 1.4502

# Sweetspot

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



80.3076, -56.3124, 48.4986



94.6000, -28.8763, 31.2232



54.9263, 37.1492, 34.4946



43.4661, -14.6887, 15.7463

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



80.3076, -56.3124, 48.4986



87.2413, -61.2863, 52.6848



77.8440, -66.6661, 46.7993



41.5134, -5.6189, 6.1744



59.4027, -41.3388, 35.8799



16.8169, -10.8837, 10.1719



# Inverse Universe

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



31.5748, 73.4321, -129.7128



34.2501, 79.7340, -141.2737



48.4235, 95.5501, -66.5936



38.6230, 1.4834, -2.1520



23.4943, 54.4431, -94.9590

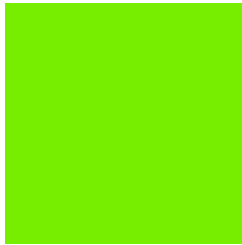


7.0045, 15.7376, -24.4833



# Previews

## White Background



This preview shows how the HunterLab color 80.3059, -56.3109, 48.4983 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

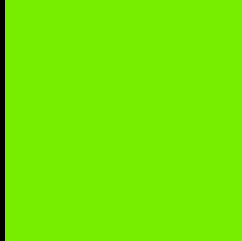
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 80.3059, -56.3109, 48.4983 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

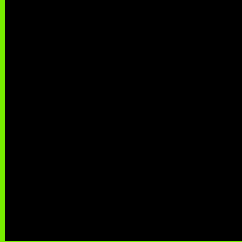
Any Text WCAG AA ✓ Pass

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 80.3059, -56.3109, 48.4983 Background



This preview shows how black text looks on a background with the HunterLab color 80.3059, -56.3109, 48.4983.



This preview shows how white text looks on a background with the HunterLab color 80.3059,

-56.3109, 48.4983.

# 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

80.3059, -56.3109, 48.4983

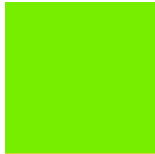
### Deuteranopia

79.6558, 4.2411, 40.5568

### Tritanopia

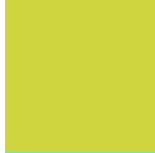
79.9617, -19.8604, -11.0532

# Trichromacy



## Original Color

80.3059, -56.3109, 48.4983



## Deuteranomaly

78.1397, -22.2579, 44.3016



## Tritanomaly

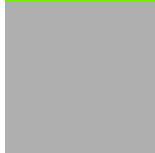
78.8137, -39.5629, 25.8467

# Monochromacy



## Original Color

80.3059, -56.3109, 48.4983



## Achromatopsia

65.4745, -3.4936, 3.5574



## Achromatomaly

69.6451, -28.1224, 29.6198

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 80.3059, -56.3109, 48.4983 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(119, 237, 0)` looks like.

```
.text, #text, p{  
    color:rgb(119, 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(119, 237, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 237, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 80.3059, -56.3109, 48.4983 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(119, 237, 0) }
```

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

```
.border{ border-color:rgb(119, 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(119, 237, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 237, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 237, 0);  
box-shadow:4px 4px 4px 4px rgb(119, 237,  
0) }
```



# Background

The CSS property to change the background color of an element to HunterLab 80.3059, -56.3109, 48.4983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 237, 0) }
```

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

```
.background{ background-color: rgb(119,  
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](#).

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