

Converting Colors

HunterLab(82.7755, -59.0891,
49.6477)

Have a look what the booklet for
HunterLab(82.7755, -59.0891,
49.6477) contains.

HunterLab(82.7755, -59.0891, 49.6477)	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(82.7755,
-59.0891, 49.6477)**

Conversions

Conversions Part 1

Format	Color
Hex	75F40F
RGB	117, 244, 15
RGB Percent	46%, 96%, 6%
CMY	0.5412, 0.0431, 0.9411
CMYK	0.52, 0.00, 0.94, 0.04
HSL	93°, 91%, 51%
HSV	93°, 94%, 96%
XYZ	39.7731, 68.5178, 11.5810
YIQ	179.9210, -2.1830, -98.1430

Conversions

Conversions Part 2

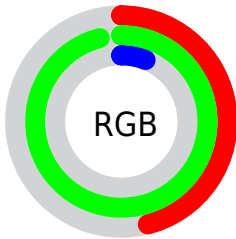
Format	Color
R_{YB}	15, 244, 142
Decimal	7730191
CIE _{Lab}	86.27, -66.81, 81.56
CIE _{LCh}	86, 105.430, 129.325
Yxy	68.5208, 0.3318, 0.5716
Android (android.graphics.Color)	4285920271 (0xFF75F40F)
YUV	179.9210, -81.3061, -55.1817
Hunter-Lab	82.7755, -59.0891, 49.6477

Details

The HunterLab color **82.7755, -59.0891, 49.6477** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark saturated chartreuse. A complement of this color would be **35.5361, 76.7607, -119.5645**, and the grayscale version is **67.8574, -3.6207, 3.6868**.

A 20% lighter version of the original color is **90.5712, -46.9455, 48.0555**, and **60.0452, -49.2905, 36.1366** is the 20% darker color. If you saturate the color by 10%, you get **82.4222, -60.6057, 49.7272**, and if you desaturate by 10%, it is **83.4517, -56.1751, 49.0488**.

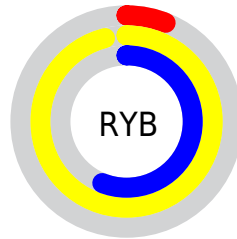
Distribution



Red (46%)

Green (96%)

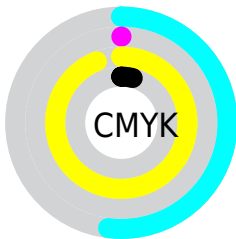
Blue (6%)



Red (6%)

Yellow (96%)

Blue (56%)

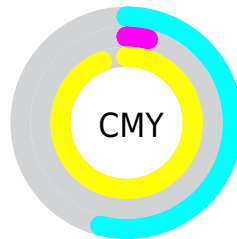


Cyan (52%)

Magenta (0%)

Yellow (94%)

Black (4%)



Cyan (54%)

Magenta (4%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.7755, -59.0891, 49.6477 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 82.7755, -59.0891, 49.6477 by changing the saturation by 10% instead.

82.7755, -59.0891,
49.6477

82.7755, -59.0891,
49.6477

213.3867,
-92.0889, 90.3271

70.9377, -54.8263,
44.3565

108.2113,
-67.1269, 59.6474

59.7235, -50.3516,
38.8467

121.7548,
-70.9493, 64.3944

49.1718, -45.6171,
33.1118

135.8206,
-74.6660, 68.9968

39.3271, -40.5547,
27.5289

150.3897,
-78.2916, 73.4704

30.2443, -35.0676,
21.1710

165.4455,
-81.8376, 77.8289

21.9939, -29.0133,
15.3957

180.9727,

14.6701, -24.6926,

-85.3139, 82.0844

10.2691

196.9573,
-88.7287, 86.2474

■ 8.3289, -14.5756,
5.8302

0.0000, NaN, NaN

■ 82.7755, -59.0891,
49.6477

■ 82.7755, -59.0891,
49.6477

■ 82.4222, -60.6057,
49.7272

■ 83.4517, -56.1751,
49.0488

■ 84.2662, -52.5960,
47.6088

■ 85.2300, -48.3198,
45.2151

■ 86.3490, -43.3351,
41.7969

■ 87.6268, -37.6473,
37.3150

■ 89.0653, -31.2749,
31.7553

■ 90.6645, -24.2469,
25.1252

■ 92.4231, -16.6003,
17.4485

■ 94.3389, -8.3773,
8.7627

Harmonies

Analogous

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



82.7773, -20.1248, 54.2622



82.7755, -59.0891, 49.6477



82.7773, -79.1774, 31.7082

Triad

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



82.7773, -59.0906, 49.6480



82.7773, -37.0797, -144.7100



82.7773, 120.3323, 18.5821

Complementary

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



82.7755, -59.0891, 49.6477



35.5361, 76.7607, -119.5645

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.



82.7773, 112.5299, -36.9868



82.7755, -59.0891, 49.6477



82.7773, 12.5480, -156.8781

Square

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



82.7773, -59.0906, 49.6480



82.7773, -68.8399, -82.1689



82.7773, 69.6068, -109.2354



82.7773, 88.8426, 45.1421

Rectangle

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



82.7755, -59.0891, 49.6477



82.7773, -83.0065, 5.6271



82.7773, 69.6068, -109.2354



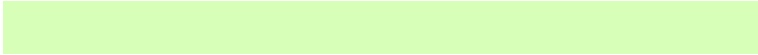
82.7773, 122.3612, 3.3686

Sweetspot

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



82.7773, -59.0906, 49.6480



94.5892, -28.6953, 29.4962



61.8935, 26.9918, 38.1771



43.4295, -14.7359, 15.0104

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



82.7773, -59.0906, 49.6480



86.6418, -63.7710, 52.2719



80.5499, -68.4067, 47.6968



43.3972, -6.0921, 6.4178



60.8403, -44.4216, 36.7119



18.2023, -12.4856, 10.9976

Inverse Universe

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



35.5361, 76.7607, -119.5645



35.9462, 81.6440, -132.4676



50.4324, 96.2369, -57.4791



40.4721, 1.7707, -2.1944



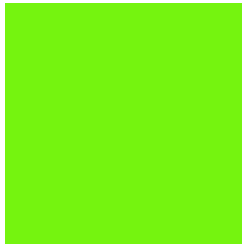
25.3968, 57.4766, -91.9896



7.9234, 17.5084, -25.4182

Previews

White Background



This preview shows how the HunterLab color 82.7755, -59.0891, 49.6477 looks on a white background.

Color Contrast Check

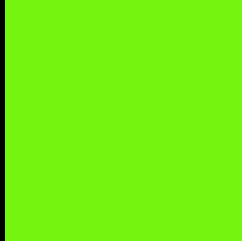
Large Text (above 18pt) WCAG AA × Fail

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 82.7755, -59.0891, 49.6477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

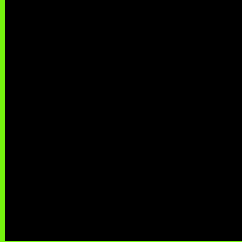
Any Text WCAG AA ✓ Pass

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 82.7755, -59.0891, 49.6477 Background



This preview shows how black text looks on a background with the HunterLab color 82.7755, -59.0891, 49.6477.



This preview shows how white text looks on a background with the HunterLab color 82.7755, -59.0891, 49.6477.

-59.0891, 49.6477.

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

82.7755, -59.0891, 49.6477

Protanopia

82.1451, -11.3791, 50.4182

Deuteranopia

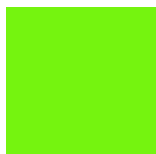
81.8138, 3.3154, 35.9204



Tritanopia

82.5288, -21.7619, -11.5883

Trichromacy



Original Color

82.7755, -59.0891, 49.6477



Protanomaly

81.4088, -32.2861, 49.4940



Deuteranomaly

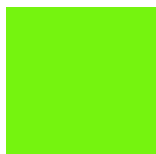
80.5217, -24.6427, 42.7030



Tritanomaly

81.4494, -41.2445, 24.9219

Monochromacy



Original Color

82.7755, -59.0891, 49.6477



Achromatopsia

67.5582, -3.6047, 3.6706



Achromatomaly

71.5794, -28.8792, 28.8828

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 82.7755, -59.0891, 49.6477 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(117, 244, 15)` looks like.

```
.text, #text, p{  
    color:rgb(117, 244, 15)  
}
```

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(117, 244, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 244, 15) }
```

Border

The CSS property to change the border of an element to HunterLab 82.7755, -59.0891, 49.6477 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(117, 244, 15) }
```


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

```
.border{ border-color:rgb(117, 244, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 244, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 244, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 244, 15);  
box-shadow:4px 4px 4px 4px rgb(117, 244,  
15) }
```

Background

The CSS property to change the background color of an element to HunterLab 82.7755, -59.0891, 49.6477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 244, 15) }
```

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

```
.background{ background-color: rgb(117,  
244, 15) }
```

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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