

Converting Colors

HunterLab(80.1943, -51.6339,
46.5354)

Have a look what the booklet for
HunterLab(80.1943, -51.6339,
46.5354) contains.

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Color

**HunterLab(80.0745,
-51.4818, 46.4490)**

Conversions

Conversions Part 1

Format	Color
Hex	86EA2F
RGB	134, 234, 47
RGB Percent	53%, 92%, 18%
CMY	0.4745, 0.0823, 0.8157
CMYK	0.43, 0.00, 0.80, 0.08
HSL	92°, 82%, 55%
HSV	92°, 80%, 92%
XYZ	39.7675, 64.1193, 12.9696
YIQ	182.7820, 0.4270, -79.3570

Conversions

Conversions Part 2

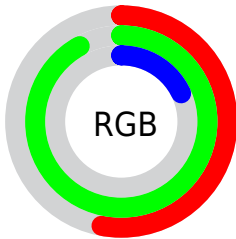
Format	Color
RYB	47, 234, 147
Decimal	8841775
CIELab	84.03, -57.19, 74.06
CIELCh	84, 93.567, 127.677
Yxy	64.1220, 0.3403, 0.5487
Android (android.graphics.Color)	4287031855 (0xFF86EA2F)
YUV	182.7820, -66.9405, -42.7818
Hunter-Lab	80.0745, -51.4818, 46.4490

Details

The HunterLab color **80.0745, -51.4818, 46.4490** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **37.6548, 66.3808, -98.2082**, and the grayscale version is **68.9955, -3.6814, 3.7487**.

A 20% lighter version of the original color is **91.7025, -42.1928, 46.4137**, and **57.2905, -42.9462, 34.5503** is the 20% darker color. If you saturate the color by 10%, you get **79.3806, -54.5051, 47.3302**, and if you desaturate by 10%, it is **80.9037, -47.8382, 44.7188**.

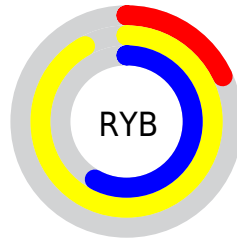
Distribution



Red (53%)

Green (92%)

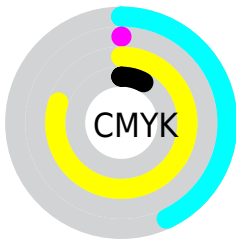
Blue (18%)



Red (18%)

Yellow (92%)

Blue (58%)

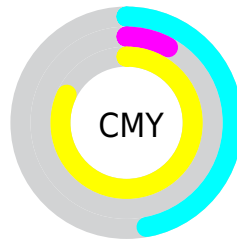


Cyan (43%)

Magenta (0%)

Yellow (80%)

Black (8%)



Cyan (47%)

Magenta (8%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.0745, -51.4818, 46.4490 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 80.0745, -51.4818, 46.4490 by changing the saturation by 10% instead.

■ 80.0745, -51.4818,
46.4490

■ 80.0745, -51.4818,
46.4490

209.6736,
-80.6289, 84.0149

■ 68.3736, -47.7515,
41.5504

■ 105.2552,
-58.5353, 55.6858

■ 57.3042, -43.8416,
36.4342

■ 118.6792,
-61.8993, 60.0660

■ 46.9064, -39.7093,
31.0841

■ 132.6298,
-65.1768, 64.3125

■ 37.2270, -35.2928,
25.8521

■ 147.0879,
-68.3801, 68.4407

■ 28.3236, -30.5017,
19.8266

■ 162.0362,
-71.5194, 72.4642

■ 20.2712, -25.1980,
14.1898

177.4592,

■ 13.1713, -21.9641,

-74.6028, 76.3946

9.2199

193.3427,
-77.6373, 80.2419

■ 6.6788, -11.6879,
4.6752

0.0000, NaN, NaN

■ 80.0745, -51.4818,
46.4490

■ 80.0745, -51.4818,
46.4490

■ 79.3806, -54.5051,
47.3302

■ 80.9037, -47.8382,
44.7188

■ 78.8024, -56.9737,
47.5558

■ 81.8700, -43.5467,
42.0489

■ 78.7977, -56.9940,
47.5570

■ 82.9800, -38.6040,
38.3848

■ 84.2362, -33.0190,
33.6980

■ 85.6398, -26.8116,
27.9823

■ 87.1905, -20.0101,
21.2492

■ 88.8869, -12.6492,
13.5250

■ 90.7266, -4.7679,
4.8473

■ 92.6150, 3.0996,
-3.4425

Harmonies

Analogous

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



80.0762, -15.7533, 50.9447



80.0745, -51.4818, 46.4490



80.0762, -70.7700, 30.1834

Triad

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



80.0762, -51.4834, 46.4494



80.0762, -35.1786, -119.0697



80.0762, 103.5807, 14.8037

Complementary

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



80.0745, -51.4818, 46.4490



37.6548, 66.3808, -98.2082

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.



80.0762, 95.0661, -34.6367



80.0745, -51.4818, 46.4490



80.0762, 7.8845, -131.8922

Square

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



80.0762, -51.4834, 46.4494



80.0762, -62.9450, -66.0046



80.0762, 57.2705, -94.9206



80.0762, 78.4384, 40.6166

Rectangle

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



80.0745, -51.4818, 46.4490



80.0762, -74.8741, 7.6946



80.0762, 57.2705, -94.9206



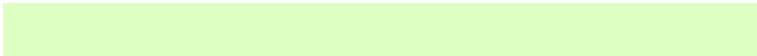
80.0762, 104.6454, 0.8729

Sweetspot

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



80.0762, -51.4834, 46.4494



95.3826, -25.2870, 26.6789



62.0365, 20.4558, 36.0135



43.8479, -12.9305, 13.5541

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.0762, -51.4834, 46.4494



87.0824, -61.9172, 52.3764



77.2737, -63.0537, 43.9051



41.4796, -5.7395, 6.1357



59.1298, -42.4664, 35.6920



16.7397, -11.1985, 10.1189

Inverse Universe

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



37.6548, 66.3808, -98.2082



36.2140, 80.3826, -131.1708



50.1156, 86.5465, -54.2429



38.6595, 1.6070, -2.1028



24.2282, 55.2694, -91.1488



7.1980, 15.9684, -23.5784

Previews

White Background



This preview shows how the HunterLab color 80.0745, -51.4818, 46.4490 looks on a white background.

Color Contrast Check

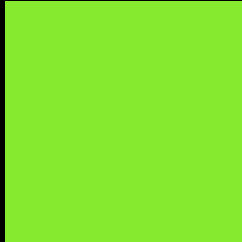
Large Text (above 18pt) WCAG AA × Fail

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 80.0745, -51.4818, 46.4490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

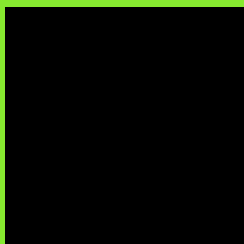
Any Text WCAG AA ✓ Pass

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 80.0745, -51.4818, 46.4490 Background



This preview shows how black text looks on a background with the HunterLab color 80.0745, -51.4818, 46.4490.



This preview shows how white text looks on a background with the HunterLab color 80.0745, -51.4818, 46.4490.

-51.4818, 46.4490.

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

80.0745, -51.4818, 46.4490

Protanopia

79.5277, -10.9785, 47.3158

Deuteranopia

79.3654, 4.7555, 40.3555



Tritanopia

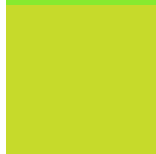
79.8236, -17.2274, -9.4938

Trichromacy



Original Color

80.0745, -51.4818, 46.4490



Protanomaly

78.9449, -27.8221, 46.4419



Deuteranomaly

78.4222, -19.2920, 42.3931



Tritanomaly

79.1711, -33.9508, 20.8119

Monochromacy



Original Color

80.0745, -51.4818, 46.4490



Achromatopsia

68.8136, -3.6717, 3.7388



Achromatomaly

72.0844, -24.7679, 25.4334

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.0745, -51.4818, 46.4490 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(134, 234, 47)` looks like.

```
.text, #text, p{  
  color:rgb(134, 234, 47)  
}
```

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(134, 234, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 234, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 80.0745, -51.4818, 46.4490 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(134, 234, 47) }
```


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

```
.border{ border-color:rgb(134, 234, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 234, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 234, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 234, 47);  
box-shadow:4px 4px 4px 4px rgb(134, 234,  
47) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.0745, -51.4818, 46.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 234, 47) }
```

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

```
.background{ background-color: rgb(134,  
234, 47) }
```

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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