

Converting Colors

HunterLab(82.4495, -60.4511,
49.4965)

Have a look what the booklet for
HunterLab(82.4495, -60.4511,
49.4965) contains.

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Color

**HunterLab(82.4495,
-60.4511, 49.4965)**

Conversions

Conversions Part 1

Format	Color
Hex	6DF40C
RGB	109, 244, 12
RGB Percent	43%, 96%, 5%
CMY	0.5725, 0.0431, 0.9528
CMYK	0.55, 0.00, 0.95, 0.04
HSL	95°, 91%, 50%
HSV	95°, 95%, 96%
XYZ	38.7238, 67.9792, 11.4283
YIQ	177.1870, -5.9880, -100.7720

Conversions

Conversions Part 2

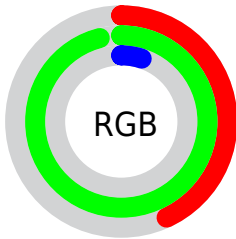
Format	Color
RYB	12, 244, 147
Decimal	7205900
CIELab	86.00, -68.97, 81.51
CIELCh	86, 106.778, 130.237
Yxy	67.9821, 0.3278, 0.5755
Android (android.graphics.Color)	4285395980 (0xFF6DF40C)
YUV	177.1870, -81.4372, -59.8000
Hunter-Lab	82.4495, -60.4511, 49.4965

Details

The HunterLab color **82.4495, -60.4511, 49.4965** 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 **36.0590, 77.9860, -117.1497**, and the grayscale version is **66.7178, -3.5599, 3.6249**.

A 20% lighter version of the original color is **90.1080, -48.7972, 47.8558**, and **59.7891, -50.3807, 35.9597** is the 20% darker color. If you saturate the color by 10%, you get **82.1759, -61.6322, 49.5574**, and if you desaturate by 10%, it is **83.1024, -57.6330, 48.9825**.

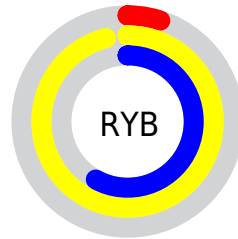
Distribution



Red (43%)

Green (96%)

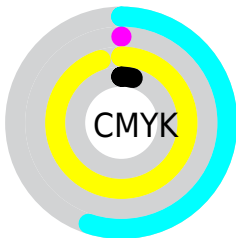
Blue (5%)



Red (5%)

Yellow (96%)

Blue (58%)

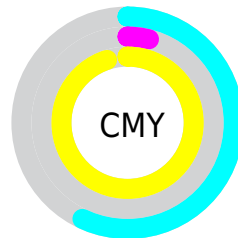


Cyan (55%)

Magenta (0%)

Yellow (95%)

Black (4%)



Cyan (57%)

Magenta (4%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.4495, -60.4511, 49.4965 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 82.4495, -60.4511, 49.4965 by changing the saturation by 10% instead.

82.4495, -60.4511,
49.4965

82.4495, -60.4511,
49.4965

212.9396,
-94.3829, 90.1866

70.6280, -56.0540,
44.2023

107.8548,
-68.7327, 59.5010

59.4311, -51.4346,
38.6890

121.3840,
-72.6670, 64.2496

48.8978, -46.5429,
32.9507

135.4360,
-76.4903, 68.8535

39.0728, -41.3078,
27.3509

149.9919,
-80.2175, 73.3281

30.0114, -35.6284,
21.0080

165.0348,
-83.8609, 77.6874

21.7845, -29.3577,
15.2492


180.5495,

14.4873, -25.3527,


-87.4307, 81.9434


10.1411


196.5220,
-90.9356, 86.1068


 8.1484, -14.2597,
5.7039


0.0000, NaN, NaN


 82.4495, -60.4511,
49.4965


 82.4495, -60.4511,
49.4965

 82.1759, -61.6322,
49.5574

 83.1024, -57.6330,
48.9825

 83.8998, -54.1225,
47.6476

 84.8534, -49.8841,
45.3733

 85.9697, -44.9047,
42.0855

■ 87.2527, -39.1897,
37.7432

■ 88.7043, -32.7590,
32.3321

■ 90.3246, -25.6436,
25.8594

■ 92.1122, -17.8835,
18.3505

■ 94.0646, -9.5244,
9.8440

Harmonies

Analogous

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



82.4513, -21.7469, 54.2455



82.4495, -60.4511, 49.4965



82.4513, -80.0701, 31.0020

Triad

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



82.4513, -60.4526, 49.4968



82.4513, -36.1146, -148.8290



82.4513, 121.7796, 19.9266

Complementary

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



82.4495, -60.4511, 49.4965



36.0590, 77.9860, -117.1497

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.



82.4513, 115.1108, -35.4877



82.4495, -60.4511, 49.4965



82.4513, 14.5030, -159.2917

Square

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



82.4513, -60.4526, 49.4968



82.4513, -68.6760, -85.9165



82.4513, 72.3026, -109.1342



82.4513, 88.7197, 45.7650

Rectangle

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



82.4495, -60.4511, 49.4965



82.4513, -83.5764, 4.0861



82.4513, 72.3026, -109.1342



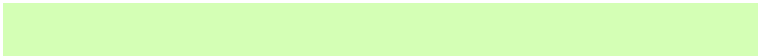
82.4513, 124.2768, 4.8880

Sweetspot

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



82.4513, -60.4526, 49.4968



94.2601, -30.0369, 30.0422



62.4911, 25.6683, 38.6250



43.2760, -15.3607, 15.2203

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



82.4513, -60.4526, 49.4968



86.3832, -64.8490, 52.0936



80.5383, -68.4502, 47.6431



43.3709, -6.1857, 6.3878



60.6571, -45.1844, 36.5856



18.1456, -12.7191, 10.9586

Inverse Universe

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



36.0590, 77.9860, -117.1497



36.8158, 82.6588, -128.2280



50.1291, 95.7288, -54.7127



40.5007, 1.8676, -2.1559



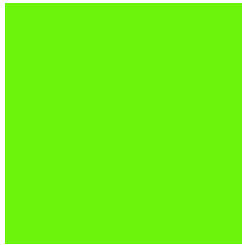
26.0018, 58.1874, -89.0763



8.0902, 17.7129, -24.6807

Previews

White Background



This preview shows how the HunterLab color 82.4495, -60.4511, 49.4965 looks on a white background.

Color Contrast Check

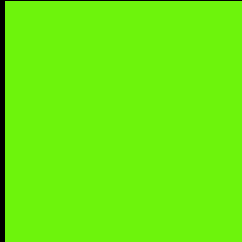
Large Text (above 18pt) WCAG AA × Fail

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 82.4495, -60.4511, 49.4965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

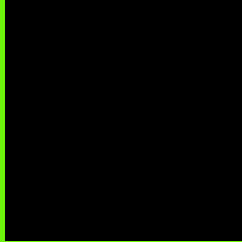
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

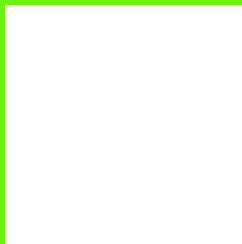
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 82.4495, -60.4511, 49.4965 Background



This preview shows how black text looks on a background with the HunterLab color 82.4495, -60.4511, 49.4965.



This preview shows how white text looks on a background with the HunterLab color 82.4495, -60.4511, 49.4965.

-60.4511, 49.4965.

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

82.4495, -60.4511, 49.4965

Protanopia

81.7275, -11.2743, 50.1628

Deuteranopia

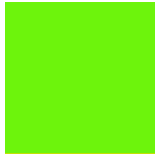
81.4726, 3.5779, 36.3888



Tritanopia

82.1891, -23.0178, -12.0762

Trichromacy



Original Color

82.4495, -60.4511, 49.4965



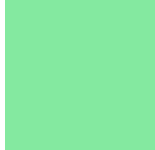
Protanomaly

80.7444, -33.1134, 49.0903



Deuteranomaly

79.9025, -25.3384, 42.7195



Tritanomaly

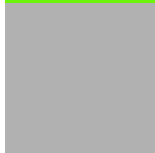
81.0688, -42.7882, 24.8819

Monochromacy



Original Color

82.4495, -60.4511, 49.4965



Achromatopsia

66.3066, -3.5380, 3.6026



Achromatomaly

70.5217, -29.6433, 28.7869

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 82.4495, -60.4511, 49.4965 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(109, 244, 12)` looks like.

```
.text, #text, p{  
    color:rgb(109, 244, 12)  
}
```

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(109, 244, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 244, 12) }
```

Border

The CSS property to change the border of an element to HunterLab 82.4495, -60.4511, 49.4965 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(109, 244, 12) }
```


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

```
.border{ border-color:rgb(109, 244, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 244, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 244, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 244, 12);  
box-shadow:4px 4px 4px 4px rgb(109, 244,  
12) }
```

Background

The CSS property to change the background color of an element to HunterLab 82.4495, -60.4511, 49.4965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 244, 12) }
```

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

```
.background{ background-color: rgb(109,  
244, 12) }
```

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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