

Converting Colors

HunterLab(80.5877, -42.3500,
47.0752)

Have a look what the booklet for
HunterLab(80.5877, -42.3500,
47.0752) contains.

HunterLab(80.5544, -42.3709, 47.0682)	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(80.5544,
-42.3709, 47.0682)**

Conversions

Conversions Part 1

Format	Color
Hex	A6E62D
RGB	166, 230, 45
RGB Percent	65%, 90%, 18%
CMY	0.3490, 0.0980, 0.8235
CMYK	0.28, 0.00, 0.80, 0.10
HSL	81°, 79%, 54%
HSV	81°, 80%, 90%
XYZ	44.4964, 64.8901, 12.6625
YIQ	189.7740, 21.2410, -71.1030

Conversions

Conversions Part 2

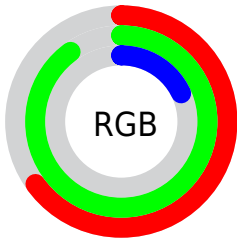
Format	Color
RYB	45, 230, 109
Decimal	10937901
CIELab	84.43, -44.64, 75.53
CIELCh	84, 87.732, 120.584
Yxy	64.8930, 0.3646, 0.5317
Android (android.graphics.Color)	4289127981 (0xFFA6E62D)
YUV	189.7740, -71.3736, -20.8498
Hunter-Lab	80.5544, -42.3709, 47.0682

Details

The HunterLab color **80.5544, -42.3709, 47.0682** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **32.9288, 59.0887, -113.4764**, and the grayscale version is **71.9494, -3.8390, 3.9091**.

A 20% lighter version of the original color is **94.1330, -32.9089, 48.4922**, and **57.8448, -35.4371, 35.0233** is the 20% darker color. If you saturate the color by 10%, you get **79.9549, -44.9234, 47.9182**, and if you desaturate by 10%, it is **81.2452, -39.3832, 45.3813**.

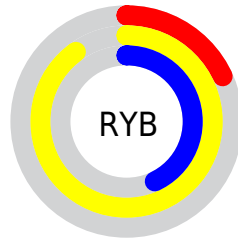
Distribution



Red (65%)

Green (90%)

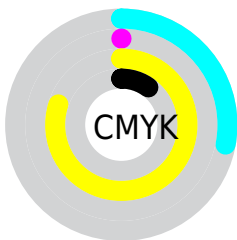
Blue (18%)



Red (18%)

Yellow (90%)

Blue (43%)

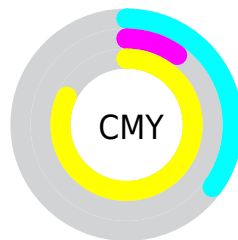


Cyan (28%)

Magenta (0%)

Yellow (80%)

Black (10%)



Cyan (35%)

Magenta (10%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.5544, -42.3709, 47.0682 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 80.5544, -42.3709, 47.0682 by changing the saturation by 10% instead.

■ 80.5544, -42.3709,
47.0682

■ 80.5544, -42.3709,
47.0682

210.3348,
-66.3459, 85.2527

■ 68.8290, -39.3771,
42.0906

■ 105.7809,
-48.0819, 56.4577

■ 57.7336, -36.2576,
36.8946

■ 119.2263,
-50.8268, 60.9110

■ 47.3082, -32.9822,
31.4660

■ 133.1975,
-53.5141, 65.2282

■ 37.5990, -29.5054,
26.2009

■ 147.6755,
-56.1527, 69.4250

■ 28.6634, -25.7598,
20.0644

■ 162.6431,
-58.7497, 73.5149

■ 20.5753, -21.6399,
14.4027

178.0847,

■ 13.4349, -17.8178,

-61.3110, 77.5095

9.4044

193.9863,
-63.8417, 81.4192

■ 7.0019, -12.2534,
4.9013

0.0000, NaN, NaN

■ 80.5544, -42.3709,
47.0682

■ 80.5544, -42.3709,
47.0682

■ 79.9549, -44.9234,
47.9182

■ 81.2452, -39.3832,
45.3813

■ 79.4488, -47.0213,
48.1328

■ 82.0285, -35.9248,
42.7611

■ 82.9111, -31.9813,
39.1431

■ 83.8962, -27.5466,
34.4857

■ 84.9862, -22.6227,
28.7663

■ 86.1823, -17.2183,
21.9787

■ 87.4850, -11.3475,
14.1302

■ 88.8940, -5.0288,
5.2397

■ 90.4085, 1.7159,
-4.6644

Harmonies

Analogous

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



80.5562, -5.1484, 50.1446



80.5544, -42.3709, 47.0682



80.5562, -64.6600, 34.3487

Triad

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



80.5562, -42.3729, 47.0686



80.5562, -41.1873, -99.3335



80.5562, 96.7672, 5.1870

Complementary

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



80.5544, -42.3709, 47.0682



32.9288, 59.0887, -113.4764

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.



80.5562, 81.6124, -44.9013



80.5544, -42.3709, 47.0682



80.5562, -3.4533, -121.4696

Square

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



80.5562, -42.3729, 47.0686



80.5562, -64.0838, -47.0950



80.5562, 42.4876, -97.6644



80.5562, 80.4412, 35.1273

Rectangle

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



80.5544, -42.3709, 47.0682



80.5562, -70.9820, 16.2744



80.5562, 42.4876, -97.6644



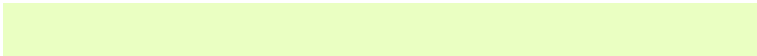
80.5562, 95.1578, -9.6484

Sweetspot

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



80.5562, -42.3729, 47.0686



96.3686, -21.6685, 27.6736



52.4032, 38.8652, 30.1611



44.3626, -11.0277, 14.0582

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.5562, -42.3729, 47.0686



89.4530, -52.2708, 54.0598



76.3649, -59.4477, 44.0868



40.6873, -4.9918, 6.1794



59.8366, -35.1429, 36.2558



16.4222, -8.9298, 9.9629

Inverse Universe

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



32.9288, 59.0887, -113.4764



31.1852, 75.1883, -159.3377



44.4484, 78.1175, -71.1086



37.5877, 0.9468, -2.2877



20.6175, 50.9956, -108.2848



6.0351, 14.2956, -26.8001

Previews

White Background



This preview shows how the HunterLab color 80.5544, -42.3709, 47.0682 looks on a white background.

Color Contrast Check

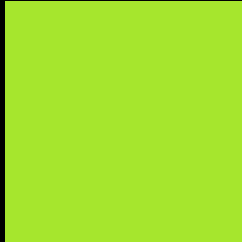
Large Text (above 18pt) WCAG AA × Fail

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 80.5544, -42.3709, 47.0682 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 80.5544, -42.3709, 47.0682 Background



This preview shows how black text looks on a background with the HunterLab color 80.5544, -42.3709, 47.0682.



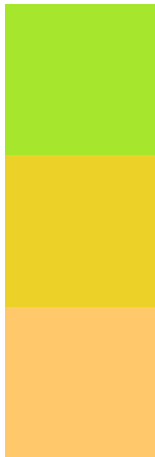
This preview shows how white text looks on a background with the HunterLab color 80.5544,

-42.3709, 47.0682.

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

80.5544, -42.3709, 47.0682

Protanopia

80.0495, -10.7059, 47.6518

Deuteranopia

80.0592, 4.3308, 39.1066



Tritanopia

80.2667, -9.3407, -6.5474

Trichromacy



Original Color

80.5544, -42.3709, 47.0682

Protanomaly

79.7758, -23.0445, 47.1260

Deuteranomaly

79.6336, -14.7861, 42.5662

Tritanomaly

79.6332, -25.5009, 22.8246

Monochromacy



Original Color

80.5544, -42.3709, 47.0682

Achromatopsia

71.7578, -3.8288, 3.8987

Achromatomaly

74.3590, -21.1381, 26.5788

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.5544, -42.3709, 47.0682 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(166, 230, 45)` looks like.

```
.text, #text, p{  
    color:rgb(166, 230, 45)  
}
```

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(166, 230, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 230, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 80.5544, -42.3709, 47.0682 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(166, 230, 45) }
```


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

```
.border{ border-color:rgb(166, 230, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 230, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 230, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 230, 45);  
box-shadow:4px 4px 4px 4px rgb(166, 230,  
45) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.5544, -42.3709, 47.0682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 230, 45) }
```

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

```
.background{ background-color: rgb(166,  
230, 45) }
```

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