

Converting Colors

HunterLab(80.0411, -42.8910,
47.6420)

Have a look what the booklet for
HunterLab(80.0411, -42.8910,
47.6420) contains.

HunterLab(80.0155, -42.8450, 47.6450)	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(80.0155,
-42.8450, 47.6450)**

Conversions

Conversions Part 1

Format	Color
Hex	A4E51E
RGB	164, 229, 30
RGB Percent	64%, 90%, 12%
CMY	0.3569, 0.1019, 0.8823
CMYK	0.28, 0.00, 0.87, 0.10
HSL	80°, 79%, 51%
HSV	80°, 87%, 90%
XYZ	43.5635, 64.0248, 11.2902
YIQ	186.8790, 25.1390, -75.6690

Conversions

Conversions Part 2

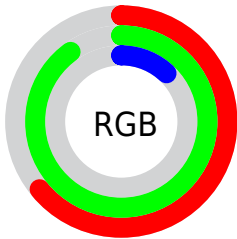
Format	Color
RYB	30, 229, 95
Decimal	10806558
CIELab	83.98, -45.44, 78.42
CIELCh	84, 90.629, 120.090
Yxy	64.0276, 0.3664, 0.5386
Android (android.graphics.Color)	4288996638 (0xFFA4E51E)
YUV	186.8790, -77.3413, -20.0649
Hunter-Lab	80.0155, -42.8450, 47.6450

Details

The HunterLab color **80.0155, -42.8450, 47.6450** 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 **30.0341, 62.3193, -126.7461**, and the grayscale version is **70.7520, -3.7751, 3.8441**.

A 20% lighter version of the original color is **93.9511, -33.7898, 49.8513**, and **57.3502, -35.7193, 34.7136** is the 20% darker color. If you saturate the color by 10%, you get **79.4838, -45.0663, 48.0362**, and if you desaturate by 10%, it is **80.6285, -40.2350, 46.5095**.

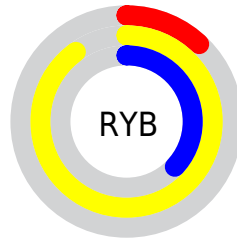
Distribution



Red (64%)

Green (90%)

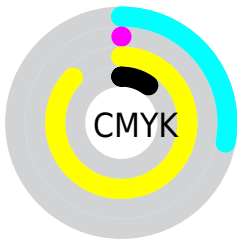
Blue (12%)



Red (12%)

Yellow (90%)

Blue (37%)

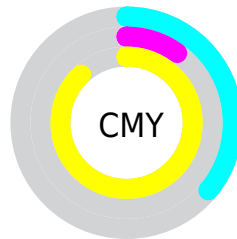


Cyan (28%)

Magenta (0%)

Yellow (87%)

Black (10%)



Cyan (36%)

Magenta (10%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.0155, -42.8450, 47.6450 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 80.0155, -42.8450, 47.6450 by changing the saturation by 10% instead.

80.0155, -42.8450,
47.6450

80.0155, -42.8450,
47.6450

209.5923,
-67.1646, 87.1775

68.3177, -39.8003,
42.4879

105.1907,
-48.6473, 57.3763

57.2514, -36.6253,
37.1098

118.6120,
-51.4338, 61.9908

46.8571, -33.2887,
31.5021

132.5601,
-54.1605, 66.4628

37.1813, -29.7431,
26.0269

147.0157,
-56.8366, 70.8082

28.2820, -25.9184,
19.7974

161.9617,
-59.4693, 75.0411

20.2339, -21.7047,
14.1637

177.3823,

13.1390, -18.0781,

-62.0650, 79.1734

9.1973

193.2636,
-64.6286, 83.2158

■ 6.6380, -11.6165,
4.6466

0.0000, NaN, NaN

■ 80.0155, -42.8450,
47.6450

■ 80.0155, -42.8450,
47.6450

■ 79.4838, -45.0663,
48.0362

■ 80.6285, -40.2350,
46.5095

■ 79.3288, -45.7054,
48.0819

■ 81.3263, -37.1867,
44.5018

■ 82.1166, -33.6770,
41.5389

■ 83.0037, -29.6923,
37.5639

■ 83.9907, -25.2281,
32.5411

■ 85.0796, -20.2875,
26.4526

■ 86.2715, -14.8796,
19.2955

■ 87.5668, -9.0186,
11.0798

■ 88.9651, -2.7225,
1.8261

Harmonies

Analogous

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



80.0173, -4.4090, 50.5022



80.0155, -42.8450, 47.6450



80.0173, -65.8044, 35.2622

Triad

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



80.0173, -42.8470, 47.6454



80.0173, -42.6594, -103.3438



80.0173, 100.6502, 4.4841

Complementary

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



80.0155, -42.8450, 47.6450



30.0341, 62.3193, -126.7461

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.



80.0173, 84.3243, -47.8521



80.0155, -42.8450, 47.6450



80.0173, -4.1385, -127.4633

Square

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



80.0173, -42.8470, 47.6454



80.0173, -65.7140, -48.2075



80.0173, 43.3548, -103.0713



80.0173, 84.1353, 35.3833

Rectangle

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



80.0155, -42.8450, 47.6450



80.0173, -72.3736, 17.1466



80.0173, 43.3548, -103.0713



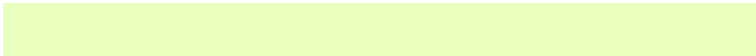
80.0173, 98.7834, -10.9727

Sweetspot

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



80.0173, -42.8470, 47.6454



96.2093, -22.4842, 29.3259



49.5843, 44.5021, 29.8630



44.3050, -11.3363, 14.7542

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.0173, -42.8470, 47.6454



89.5860, -51.7567, 54.2964



75.7038, -60.4830, 44.6268



40.7050, -4.9292, 6.1995



60.0389, -34.3328, 36.3946



16.4728, -8.7291, 9.9977

Inverse Universe

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



30.0341, 62.3193, -126.7461



30.1210, 75.5524, -166.3421



42.2628, 80.1118, -76.5547



37.5694, 0.8845, -2.3125



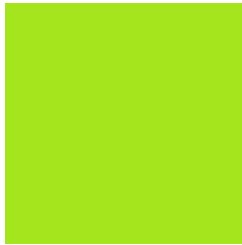
20.3553, 50.7487, -110.0206



5.9589, 14.2157, -27.2420

Previews

White Background



This preview shows how the HunterLab color 80.0155, -42.8450, 47.6450 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 80.0155, -42.8450, 47.6450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

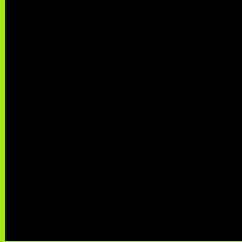
Any Text WCAG AA ✓ Pass

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 80.0155, -42.8450, 47.6450 Background



This preview shows how black text looks on a background with the HunterLab color 80.0155, -42.8450, 47.6450.



This preview shows how white text looks on a background with the HunterLab color 80.0155, -42.8450, 47.6450.

-42.8450, 47.6450.

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

80.0155, -42.8450, 47.6450

Protanopia

79.5770, -10.9177, 48.2399

Deuteranopia

79.6558, 4.2411, 40.5568



Tritanopia

79.7596, -9.5871, -6.6703

Trichromacy



Original Color

80.0155, -42.8450, 47.6450

Protanomaly

79.2096, -23.6046, 47.6638

Deuteranomaly

79.1196, -15.2300, 43.7630

Tritanomaly

79.0218, -26.3639, 24.2981

Monochromacy



Original Color

80.0155, -42.8450, 47.6450

Achromatopsia

70.4935, -3.7614, 3.8300

Achromatomaly

73.1003, -21.1183, 27.5451

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.0155, -42.8450, 47.6450 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(164, 229, 30)` looks like.

```
.text, #text, p{  
    color:rgb(164, 229, 30)  
}
```

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(164, 229, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 229, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 80.0155, -42.8450, 47.6450 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(164, 229, 30) }
```


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

```
.border{ border-color:rgb(164, 229, 30) }
```

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

Here you see how a box with a 4 pixel rgb(164, 229, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 229, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 229, 30);  
box-shadow:4px 4px 4px 4px rgb(164, 229,  
30) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.0155, -42.8450, 47.6450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 229, 30) }
```

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

```
.background{ background-color: rgb(164,  
229, 30) }
```

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