

Converting Colors

HunterLab(80.4581, -56.8898,
43.5434)

Have a look what the booklet for
HunterLab(80.4581, -56.8898,
43.5434) contains.

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Color

**HunterLab(80.4581,
-56.8898, 43.5434)**

Conversions

Conversions Part 1

Format	Color
Hex	6AEE4C
RGB	106, 238, 76
RGB Percent	42%, 93%, 30%
CMY	0.5843, 0.0666, 0.7019
CMYK	0.55, 0.00, 0.68, 0.07
HSL	109°, 83%, 62%
HSV	109°, 68%, 93%
XYZ	37.8229, 64.7351, 17.3391
YIQ	180.0640, -26.6700, -78.3660

Conversions

Conversions Part 2

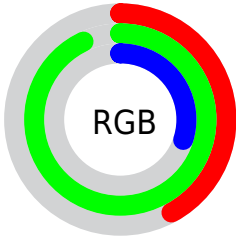
Format	Color
RYB	76, 238, 208
Decimal	7007820
CIELab	84.35, -64.76, 64.61
CIElCh	84, 91.477, 135.069
Yxy	64.7378, 0.3155, 0.5399
Android (android.graphics.Color)	4285197900 (0xFF6AEE4C)
YUV	180.0640, -51.3036, -64.9541
Hunter-Lab	80.4581, -56.8898, 43.5434

Details

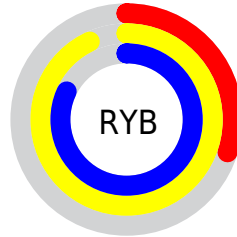
The HunterLab color **80.4581, -56.8898, 43.5434** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **49.7536, 70.9082, -64.4980**, and the grayscale version is **67.8020, -3.6177, 3.6838**.

A 20% lighter version of the original color is **90.2833, -47.1327, 40.4712**, and **57.7015, -48.3794, 34.7084** is the 20% darker color. If you saturate the color by 10%, you get **79.6297, -60.6839, 45.5680**, and if you desaturate by 10%, it is **81.5216, -52.0531, 40.5891**.

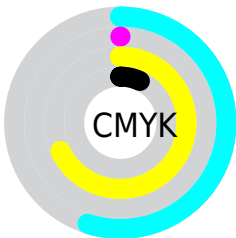
Distribution



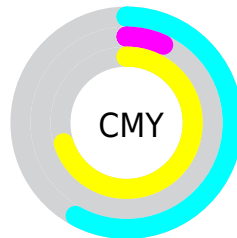
- Red (42%)
- Green (93%)
- Blue (30%)



- Red (30%)
- Yellow (93%)
- Blue (82%)



- Cyan (55%)
- Magenta (0%)
- Yellow (68%)
- Black (7%)



- Cyan (58%)
- Magenta (7%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.4581, -56.8898, 43.5434 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 80.4581, -56.8898, 43.5434 by changing the saturation by 10% instead.

■ 80.4581, -56.8898,
43.5434

■ 80.4581, -56.8898,
43.5434

210.2021,
-89.1856, 76.8411

■ 68.7375, -52.7131,
39.2207

■ 105.6754,
-64.7590, 51.6937

■ 57.6473, -48.3253,
34.6977

■ 119.1165,
-68.4996, 55.5638

■ 47.2275, -43.6772,
29.9471

■ 133.0836,
-72.1365, 59.3210

■ 37.5243, -38.6984,
24.9572

■ 147.5575,
-75.6839, 62.9793

■ 28.5951, -33.2879,
20.0166

■ 162.5212,
-79.1536, 66.5510

■ 20.5141, -27.2952,
14.3599

177.9591,

■ 13.3819, -23.4183,

-82.5552, 70.0462

9.3673

193.8570,
-85.8969, 73.4737

■ 6.9383, -12.1420,
4.8568

0.0000, NaN, NaN

■ 80.4581, -56.8898,
43.5434

■ 80.4581, -56.8898,
43.5434

■ 79.6297, -60.6839,
45.5680

■ 81.5216, -52.0531,
40.5891

■ 79.0179, -63.4646,
46.7359


■ 82.8236, -46.1719,
36.6699


■ 78.6039, -65.3169,
47.1922


■ 84.3700, -39.2789,
31.7847

■ 78.5422, -65.5928,
47.2490

■ 86.1614, -31.4284,
25.9585

 88.1954, -22.6922,
19.2368

 90.4671, -13.1528,
11.6800

 92.9695, -2.8988,
3.3579

 94.6740, 3.7550,
-0.8450

Harmonies

Analogous

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



80.4598, -25.5993, 50.2312



80.4581, -56.8898, 43.5434



80.4598, -72.0467, 22.8470

Triad

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



80.4598, -56.8911, 43.5438



80.4598, -25.4187, -122.8231



80.4598, 97.5754, 22.9902

Complementary

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



80.4581, -56.8898, 43.5434



49.7536, 70.9082, -64.4980

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.



80.4598, 97.6540, -19.8713



80.4581, -56.8898, 43.5434



80.4598, 19.4806, -122.7056

Square

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



80.4598, -56.8911, 43.5438



80.4598, -56.7842, -78.5061



80.4598, 66.6575, -78.2406



80.4598, 66.4621, 43.5990

Rectangle

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



80.4581, -56.8898, 43.5434



80.4598, -73.6705, -3.2455



80.4598, 66.6575, -78.2406



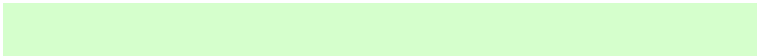
80.4598, 101.4236, 11.3246

Sweetspot

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



80.4598, -56.8911, 43.5438



94.9169, -26.5112, 22.3389



79.1532, -6.4981, 43.5377



43.6204, -13.5177, 11.3034

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.4598, -56.8911, 43.5438



85.8078, -67.0321, 49.9220



80.0993, -57.2002, 34.0917



42.1866, -6.8090, 5.9897



58.6984, -48.8453, 35.3146



17.0443, -13.6047, 10.2645

Inverse Universe

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



49.7536, 70.9082, -64.4980



48.7939, 88.1067, -83.3499



51.9993, 70.5993, -21.8796



39.8433, 2.6298, -1.7739



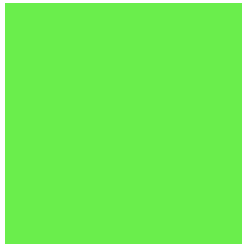
31.4493, 64.8084, -64.5640



9.2774, 18.9759, -17.9436

Previews

White Background



This preview shows how the HunterLab color 80.4581, -56.8898, 43.5434 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 80.4581, -56.8898, 43.5434 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

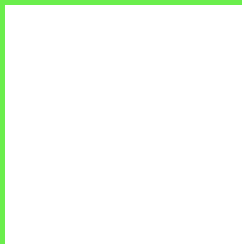
Any Text WCAG AAA ✓ Pass

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

HunterLab 80.4581, -56.8898, 43.5434 Background



This preview shows how black text looks on a background with the HunterLab color 80.4581, -56.8898, 43.5434.



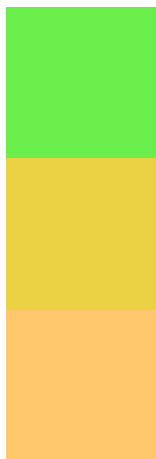
This preview shows how white text looks on a background with the HunterLab color 80.4581, -56.8898, 43.5434.

-56.8898, 43.5434.

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

80.4581, -56.8898, 43.5434

Protanopia

79.6936, -10.0565, 44.8621

Deuteranopia

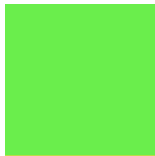
79.4785, 5.3620, 38.6916



Tritanopia

80.0142, -22.9120, -12.1828

Trichromacy



Original Color

80.4581, -56.8898, 43.5434



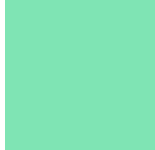
Protanomaly

78.8709, -31.1469, 43.5733



Deuteranomaly

78.0068, -22.1147, 39.2691



Tritanomaly

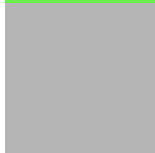
79.5576, -38.8580, 16.1630

Monochromacy



Original Color

80.4581, -56.8898, 43.5434



Achromatopsia

67.5582, -3.6047, 3.6706



Achromatomaly

71.0624, -26.6320, 21.9704

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.4581, -56.8898, 43.5434 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(106, 238, 76)` looks like.

```
.text, #text, p{  
    color:rgb(106, 238, 76)  
}
```

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(106, 238, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 238, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 80.4581, -56.8898, 43.5434 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(106, 238, 76) }
```


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

```
.border{ border-color:rgb(106, 238, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 238, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 238, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 238, 76);  
box-shadow:4px 4px 4px 4px rgb(106, 238,  
76) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.4581, -56.8898, 43.5434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 238, 76) }
```

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

```
.background{ background-color: rgb(106,  
238, 76) }
```

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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