

Converting Colors

HunterLab(76.2037, -58.8194,
40.9707)

Have a look what the booklet for
HunterLab(76.2037, -58.8194,
40.9707) contains.

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Color

**HunterLab(76.3805,
-58.9908, 41.1397)**

Conversions

Conversions Part 1

Format	Color
Hex	45E649
RGB	69, 230, 73
RGB Percent	27%, 90%, 29%
CMY	0.7294, 0.0980, 0.7137
CMYK	0.70, 0.00, 0.68, 0.10
HSL	121°, 76%, 59%
HSV	121°, 70%, 90%
XYZ	31.9536, 58.3398, 15.8798
YIQ	163.9630, -45.5590, -82.9590

Conversions

Conversions Part 2

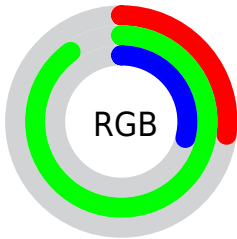
Format	Color
RYB	69, 226, 230
Decimal	4580937
CIELab	80.93, -70.12, 61.84
CIELCh	81, 93.496, 138.592
Yxy	58.3422, 0.3010, 0.5495
Android (android.graphics.Color)	4282771017 (0xFF45E649)
YUV	163.9630, -44.8448, -83.2826
Hunter-Lab	76.3805, -58.9908, 41.1397

Details

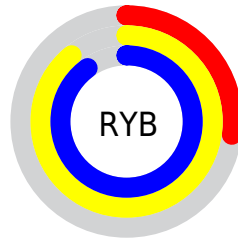
The HunterLab color **76.3805, -58.9908, 41.1397** is a dark color, and the websafe version is hex **66FF66**. The color can be described as dark muted green. A complement of this color would be **51.5470, 77.7068, -49.6359**, and the grayscale version is **61.1072, -3.2605, 3.3201**.

A 20% lighter version of the original color is **88.6049, -53.9201, 39.7564**, and **54.6691, -46.8788, 32.8662** is the 20% darker color. If you saturate the color by 10%, you get **75.7707, -61.8946, 43.1934**, and if you desaturate by 10%, it is **77.2693, -54.8365, 38.2662**.

Distribution



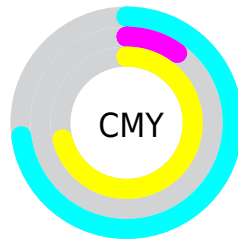
- Red (27%)
- Green (90%)
- Blue (29%)



- Red (27%)
- Yellow (89%)
- Blue (90%)



- Cyan (70%)
- Magenta (0%)
- Yellow (68%)
- Black (10%)





- Cyan (73%)
- Magenta (10%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.3805, -58.9908, 41.1397 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 76.3805, -58.9908, 41.1397 by changing the saturation by 10% instead.


 76.3805, -58.9908,
41.1397


 76.3805, -58.9908,
41.1397


204.5629,
-93.8837, 73.4994


 64.8721, -54.4155,
36.9229


 101.2033,
-67.5643, 49.0746


 54.0064, -49.5888,
32.5028


 114.4597,
-71.6214, 52.8374


 43.8260, -44.4502,
27.8501


 128.2492,
-75.5557, 56.4881

 34.3803, -38.9138,
23.0141

 142.5519,
-79.3841, 60.0414

 25.7318, -32.8563,
18.0123

 157.3499,
-83.1206, 63.5095

 17.9622, -26.5611,
12.5735

172.6273,

 11.1850, -19.5737,

-86.7765, 66.9029

7.8295

188.3694,
-90.3615, 70.2303

■ 3.2064, -5.6112,
2.2445

0.0000, NaN, NaN

■ 76.3805, -58.9908,
41.1397

■ 76.3805, -58.9908,
41.1397

■ 75.7707, -61.8946,
43.1934

■ 77.2693, -54.8365,
38.2662


■ 75.4073, -63.6406,
44.4804


■ 78.4510, -49.3937,
34.5556


■ 75.2386, -64.4576,
45.1038


■ 79.9383, -42.6807,
30.0250

■ 81.7358, -34.7573,
24.7178

 83.8424, -25.7161,
18.6978

 86.2525, -15.6709,
12.0419

 88.9566, -4.7468,
4.8334

 91.9429, 6.9293,
-2.8439

 92.2366, 8.0897,
-3.8368

Harmonies

Analogous

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



76.3821, -29.8853, 48.3567



76.3805, -58.9908, 41.1397



76.3821, -72.0213, 18.7831

Triad

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



76.3821, -58.9919, 41.1401



76.3821, -20.5378, -129.5910



76.3821, 97.1074, 26.1170

Complementary

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



76.3805, -58.9908, 41.1397



51.5470, 77.7068, -49.6359

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.



76.3821, 101.2772, -14.0908



76.3805, -58.9908, 41.1397



76.3821, 25.6840, -123.2317

Square

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



76.3821, -58.9919, 41.1401



76.3821, -53.5262, -87.6029



76.3821, 72.7365, -73.3365



76.3821, 62.4017, 43.8269

Rectangle

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



76.3805, -58.9908, 41.1397



76.3821, -72.4727, -9.2682



76.3821, 72.7365, -73.3365



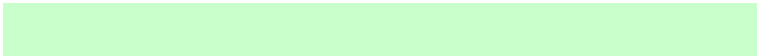
76.3821, 102.3830, 15.5169

Sweetspot

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



76.3821, -58.9919, 41.1401



93.9688, -30.1042, 21.8132



85.6789, -22.5364, 48.5042



43.1590, -15.2717, 10.9856

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.3821, -58.9919, 41.1401



84.9621, -70.6083, 49.3042



77.5463, -51.8381, 24.1028



40.1185, -7.0102, 5.4154



56.6126, -48.4840, 33.9021



15.3962, -13.1378, 9.1168

Inverse Universe

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



51.5470, 77.7068, -49.6359



54.5103, 98.5626, -62.7661



48.1465, 64.0959, -3.1112



38.2214, 3.0662, -1.3050



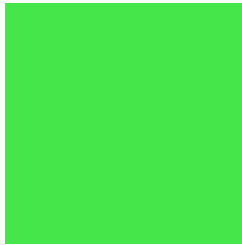
35.4719, 69.3684, -43.9124



9.6529, 18.8926, -12.0700

Previews

White Background



This preview shows how the HunterLab color 76.3805, -58.9908, 41.1397 looks on a white background.

Color Contrast Check

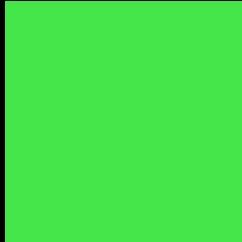
Large Text (above 18pt) WCAG AA × Fail

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 76.3805, -58.9908, 41.1397 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 76.3805, -58.9908, 41.1397 Background



This preview shows how black text looks on a background with the HunterLab color 76.3805, -58.9908, 41.1397.



This preview shows how white text looks on a background with the HunterLab color 76.3805,

-58.9908, 41.1397.

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

76.3805, -58.9908, 41.1397

Protanopia

75.4430, -9.4439, 42.3920

Deuteranopia

75.4039, 5.9964, 39.4786



Tritanopia

76.1169, -26.0908, -13.0208

Trichromacy



Original Color

76.3805, -58.9908, 41.1397



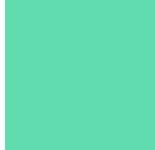
Protanomaly

73.9770, -32.8799, 40.6256



Deuteranomaly

73.3076, -25.0289, 38.2774



Tritanomaly

75.3550, -41.4714, 14.2001

Monochromacy



Original Color

76.3805, -58.9908, 41.1397



Achromatopsia

60.9293, -3.2510, 3.3104



Achromatomaly

65.0171, -28.3059, 19.9864

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.3805, -58.9908, 41.1397 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(69, 230, 73)` looks like.

```
.text, #text, p{  
    color:rgb(69, 230, 73)  
}
```

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(69, 230, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 230, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 76.3805, -58.9908, 41.1397 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(69, 230, 73) }
```


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

```
.border{ border-color:rgb(69, 230, 73) }
```

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

Here you see how a box with a 4 pixel rgb(69, 230, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 230, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 230, 73);  
box-shadow:4px 4px 4px 4px rgb(69, 230,  
73) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.3805, -58.9908, 41.1397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 230, 73) }
```

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

```
.background{ background-color: rgb(69, 230,  
73) }
```

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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