

Converting Colors

HunterLab(76.4664, -58.7894,
41.4725)

Have a look what the booklet for
HunterLab(76.4664, -58.7894,
41.4725) contains.

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Color

**HunterLab(76.4371,
-58.7878, 41.4470)**

Conversions

Conversions Part 1

Format	Color
Hex	48E647
RGB	72, 230, 71
RGB Percent	28%, 90%, 28%
CMY	0.7176, 0.0980, 0.7215
CMYK	0.69, 0.00, 0.69, 0.10
HSL	120°, 76%, 59%
HSV	120°, 69%, 90%
XYZ	32.1066, 58.4263, 15.5465
YIQ	164.6320, -43.1290, -82.9450

Conversions

Conversions Part 2

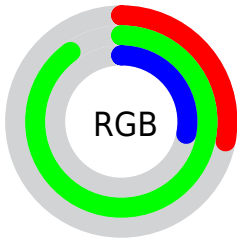
Format	Color
RYB	71, 230, 229
Decimal	4777543
CIELab	80.98, -69.78, 62.66
CIELCh	81, 93.785, 138.073
Yxy	58.4287, 0.3027, 0.5508
Android (android.graphics.Color)	4282967623 (0xFF48E647)
YUV	164.6320, -46.1606, -81.2383
Hunter-Lab	76.4371, -58.7878, 41.4470

Details

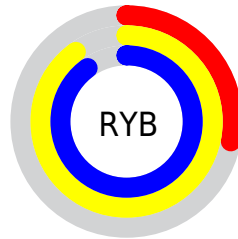
The HunterLab color **76.4371, -58.7878, 41.4470** is a dark color, and the websafe version is hex **66FF66**. The color can be described as dark muted green. A complement of this color would be **51.8462, 77.4654, -52.3114**, and the grayscale version is **61.3868, -3.2754, 3.3353**.

A 20% lighter version of the original color is **88.6723, -53.7077, 40.2738**, and **54.6691, -46.8788, 32.8662** is the 20% darker color. If you saturate the color by 10%, you get **75.8063, -61.7729, 43.4426**, and if you desaturate by 10%, it is **77.3495, -54.5386, 38.5893**.

Distribution



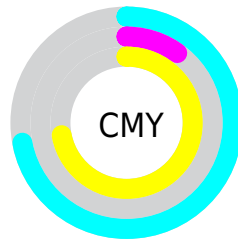
- Red (28%)
- Green (90%)
- Blue (28%)



- Red (28%)
- Yellow (90%)
- Blue (90%)



- Cyan (69%)
- Magenta (0%)
- Yellow (69%)
- Black (10%)





- Cyan (72%)
- Magenta (10%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.4371, -58.7878, 41.4470 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 76.4371, -58.7878, 41.4470 by changing the saturation by 10% instead.


 76.4371, -58.7878,
41.4470


 76.4371, -58.7878,
41.4470


204.6415,
-93.5257, 74.1748


 64.9257, -54.2352,
37.1800


 101.2655,
-67.3204, 49.4761


 54.0569, -49.4330,
32.7078


 114.5245,
-71.3588, 53.2828


 43.8730, -44.3212,
28.0018


 128.3165,
-75.2753, 56.9757

 34.4237, -38.8146,
23.1351

 142.6216,
-79.0869, 60.5695

 25.7712, -32.7903,
18.0399

 157.4219,
-82.8073, 64.0765

 17.9971, -26.4975,
12.5980

172.7016,

 11.2148, -19.6260,

-86.4478, 67.5073

7.8504

188.4459,
-90.0179, 70.8708

■ 3.2880, -5.7541,
2.3016

0.0000, NaN, NaN

■ 76.4371, -58.7878,
41.4470

■ 76.4371, -58.7878,
41.4470

■ 75.8063, -61.7729,
43.4426

■ 77.3495, -54.5386,
38.5893

■ 75.4252, -63.5836,
44.6403


■ 78.5570, -48.9902,
34.8453


■ 75.2479, -64.4287,
45.1941


■ 80.0717, -42.1640,
30.2281


■ 75.2365, -64.4836,
45.2315


■ 81.8977, -34.1227,
24.7798

 84.0334, -24.9613,
18.5649

 86.4729, -14.7957,
11.6620

 89.2064, -3.7524,
4.1574

 92.2215, 8.0391,
-3.8569

 92.2367, 8.0896,
-3.8367

Harmonies

Analogous

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



76.4387, -29.3220, 48.4889



76.4371, -58.7878, 41.4470



76.4387, -72.1119, 19.4086

Triad

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



76.4387, -58.7889, 41.4473



76.4387, -21.2983, -129.8267



76.4387, 97.8586, 25.6990

Complementary

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



76.4371, -58.7878, 41.4470



51.8462, 77.4654, -52.3114

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.



76.4387, 101.4433, -15.0653



76.4371, -58.7878, 41.4470



76.4387, 24.9265, -124.3539

Square

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



76.4387, -58.7889, 41.4473



76.4387, -54.1010, -86.9867



76.4387, 72.3054, -74.7146



76.4387, 63.4233, 43.7449

Rectangle

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



76.4371, -58.7878, 41.4470



76.4387, -72.7307, -8.4439



76.4387, 72.3054, -74.7146



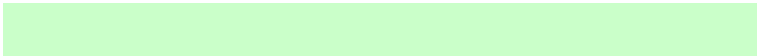
76.4387, 102.9622, 14.9281

Sweetspot

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



76.4387, -58.7889, 41.4473



93.9600, -30.2043, 22.3248



85.0946, -20.2487, 47.9262



43.1545, -15.3224, 11.2434

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.4387, -58.7889, 41.4473



84.9985, -70.4783, 49.5240



77.5044, -52.1898, 25.4575



40.1166, -7.0313, 5.5246



56.6104, -48.5107, 34.0338



15.3939, -13.1659, 9.2551

Inverse Universe

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



51.8462, 77.4654, -52.3114



54.7569, 98.7287, -66.9707



48.6168, 64.1724, -5.7542



38.2236, 3.0907, -1.4348



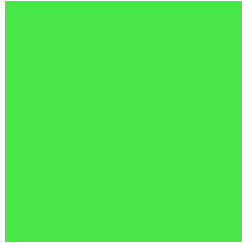
35.5341, 69.9554, -47.5973



9.6673, 19.0279, -12.9184

Previews

White Background



This preview shows how the HunterLab color 76.4371, -58.7878, 41.4470 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 76.4371, -58.7878, 41.4470 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 76.4371, -58.7878, 41.4470 Background



This preview shows how black text looks on a background with the HunterLab color 76.4371, -58.7878, 41.4470.



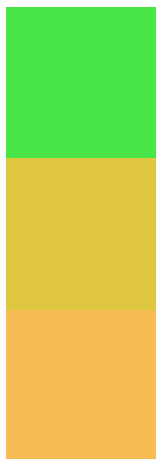
This preview shows how white text looks on a background with the HunterLab color 76.4371, -58.7878, 41.4470.

-58.7878, 41.4470.

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

76.4371, -58.7878, 41.4470

Protanopia

75.7334, -10.0121, 42.8097

Deuteranopia

75.3825, 5.8821, 39.7937



Tritanopia

76.2049, -25.7592, -12.8920

Trichromacy



Original Color

76.4371, -58.7878, 41.4470



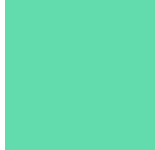
Protanomaly

74.3685, -33.1137, 41.1366



Deuteranomaly

73.3704, -24.8332, 38.6428



Tritanomaly

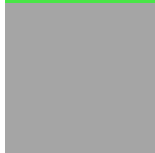
75.4030, -41.3321, 14.6526

Monochromacy



Original Color

76.4371, -58.7878, 41.4470



Achromatopsia

61.3402, -3.2730, 3.3327



Achromatomaly

65.4669, -28.2592, 20.3989

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.4371, -58.7878, 41.4470 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(72, 230, 71)` looks like.

```
.text, #text, p{  
    color:rgb(72, 230, 71)  
}
```

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(72, 230, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 230, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 76.4371, -58.7878, 41.4470 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(72, 230, 71) }
```


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

```
.border{ border-color:rgb(72, 230, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 230, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 230, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 230, 71);  
box-shadow:4px 4px 4px 4px rgb(72, 230,  
71) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.4371, -58.7878, 41.4470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 230, 71) }
```

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

```
.background{ background-color: rgb(72, 230,  
71) }
```

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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