

Converting Colors

HunterLab(77.6552, -60.2160,
42.3675)

Have a look what the booklet for
HunterLab(77.6552, -60.2160,
42.3675) contains.

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Color

**HunterLab(77.4739,
-60.0769, 42.2530)**

Conversions

Conversions Part 1

Format	Color
Hex	46E946
RGB	70, 233, 70
RGB Percent	27%, 91%, 27%
CMY	0.7255, 0.0863, 0.7255
CMYK	0.70, 0.00, 0.70, 0.09
HSL	120°, 79%, 59%
HSV	120°, 70%, 91%
XYZ	32.7701, 60.0221, 15.6525
YIQ	165.6810, -44.8250, -85.2490

Conversions

Conversions Part 2

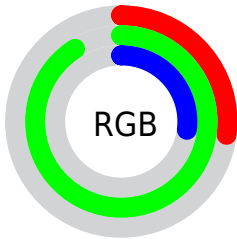
Format	Color
RYB	70, 233, 233
Decimal	4647238
CIELab	81.85, -71.17, 63.94
CIELCh	82, 95.668, 138.063
Yxy	60.0246, 0.3022, 0.5535
Android (android.graphics.Color)	4282837318 (0xFF46E946)
YUV	165.6810, -47.1707, -83.9122
Hunter-Lab	77.4739, -60.0769, 42.2530

Details

The HunterLab color **77.4739, -60.0769, 42.2530** 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 **52.5241, 79.7164, -53.2597**, and the grayscale version is **61.8228, -3.2987, 3.3590**.

A 20% lighter version of the original color is **88.6089, -53.9928, 40.4476**, and **55.7231, -47.7826, 33.4998** is the 20% darker color. If you saturate the color by 10%, you get **76.8637, -62.9715, 44.2101**, and if you desaturate by 10%, it is **78.3701, -55.8945, 39.4245**.

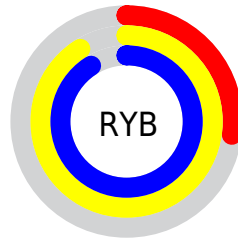
Distribution



Red (27%)

Green (91%)

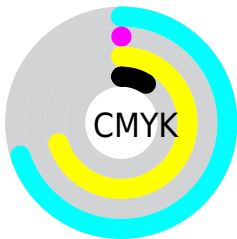
Blue (27%)



Red (27%)

Yellow (91%)

Blue (91%)

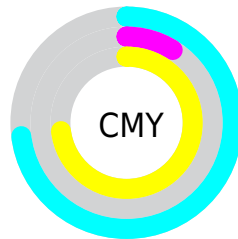


Cyan (70%)

Magenta (0%)

Yellow (70%)

Black (9%)



Cyan (73%)


Magenta (9%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.4739, -60.0769, 42.2530 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 77.4739, -60.0769, 42.2530 by changing the saturation by 10% instead.


 77.4739, -60.0769,
42.2530


 77.4739, -60.0769,
42.2530


206.0797,
-95.3296, 75.4754

 65.9078, -55.4579,
37.9241


 102.4038,
-68.7363, 50.4023

 54.9811, -50.5874,
33.3896


 115.7103,
-72.8351, 54.2670

 44.7355, -45.4058,
28.6219


 129.5479,
-76.8102, 58.0163

 35.2197, -39.8288,
23.6861

 143.8970,
-80.6787, 61.6650

 26.4946, -33.7357,
18.5462

 158.7399,
-84.4542, 65.2254

 18.6397, -27.2373,
13.0478

174.0608,

 11.7649, -20.5885,

-88.1484, 68.7081

8.2354

189.8451,
-91.7708, 72.1222

■ 4.5274, -7.9230,
3.1692

0.0000, NaN, NaN

■ 77.4739, -60.0769,
42.2530

■ 77.4739, -60.0769,
42.2530

■ 76.8637, -62.9715,
44.2101

■ 78.3701, -55.8945,
39.4245

■ 76.5053, -64.6791,
45.3650


■ 79.5673, -50.3815,
35.6969


■ 76.3420, -65.4601,
45.8932


■ 81.0788, -43.5545,
31.0816

■ 76.3415, -65.4627,
45.8951

■ 82.9094, -35.4742,
25.6197

 85.0582, -26.2357,
19.3760

 87.5193, -15.9569,
12.4305

 90.2830, -4.7674,
4.8714

 93.1452, 6.4602,
-2.7123

Harmonies

Analogous

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



77.4755, -29.9661, 49.3362



77.4739, -60.0769, 42.2530



77.4755, -73.6639, 19.8327

Triad

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



77.4755, -60.0780, 42.2533



77.4755, -21.7841, -133.7523



77.4755, 100.5527, 26.2320

Complementary

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



77.4739, -60.0769, 42.2530



52.5241, 79.7164, -53.2597

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.



77.4755, 104.2273, -15.5266



77.4739, -60.0769, 42.2530



77.4755, 25.5908, -128.1208

Square

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



77.4755, -60.0780, 42.2533



77.4755, -55.3109, -89.5277



77.4755, 74.2545, -76.9184



77.4755, 65.1576, 44.5658

Rectangle

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



77.4739, -60.0769, 42.2530



77.4755, -74.2975, -8.6910



77.4755, 74.2545, -76.9184



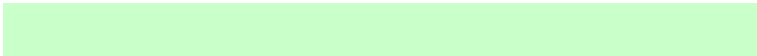
77.4755, 105.7986, 15.2271

Sweetspot

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



77.4755, -60.0780, 42.2533



93.9352, -30.2970, 22.2980



87.2048, -21.9109, 49.4120



43.1421, -15.3695, 11.2302

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.4755, -60.0780, 42.2533



84.9388, -70.7538, 49.6482



78.6340, -52.9546, 25.2895



41.0636, -7.2296, 5.6574



57.5049, -49.3103, 34.5708



16.1141, -13.8178, 9.6874

Inverse Universe

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



52.5241, 79.7164, -53.2597



54.8194, 99.6790, -66.7924



48.9442, 65.4161, -4.4220



39.1328, 3.1991, -1.4692



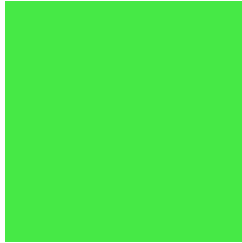
36.2875, 71.3419, -47.8572



10.1685, 19.9916, -13.4108

Previews

White Background



This preview shows how the HunterLab color 77.4739, -60.0769, 42.2530 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 77.4739, -60.0769, 42.2530 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 77.4739, -60.0769, 42.2530 Background



This preview shows how black text looks on a background with the HunterLab color 77.4739, -60.0769, 42.2530.



This preview shows how white text looks on a background with the HunterLab color 77.4739, -60.0769, 42.2530.

-60.0769, 42.2530.

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

77.4739, -60.0769, 42.2530

Protanopia

76.6535, -9.9002, 43.5351

Deuteranopia

76.6023, 5.5578, 40.6473



Tritanopia

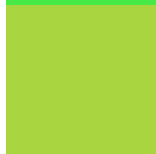
77.3213, -26.4941, -13.0872

Trichromacy



Original Color

77.4739, -60.0769, 42.2530



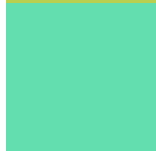
Protanomaly

75.1034, -33.7224, 41.7399



Deuteranomaly

74.5112, -25.5424, 39.4272



Tritanomaly

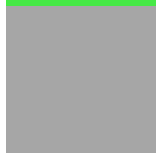
76.5004, -42.2436, 14.9665

Monochromacy



Original Color

77.4739, -60.0769, 42.2530



Achromatopsia

61.7516, -3.2949, 3.3551



Achromatomaly

65.7958, -28.6806, 20.6914

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.4739, -60.0769, 42.2530 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(70, 233, 70)` looks like.

```
.text, #text, p{  
    color:rgb(70, 233, 70)  
}
```

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(70, 233, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 233, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 77.4739, -60.0769, 42.2530 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(70, 233, 70) }
```


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

```
.border{ border-color:rgb(70, 233, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 233, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 233, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 233, 70);  
box-shadow:4px 4px 4px 4px rgb(70, 233,  
70) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.4739, -60.0769, 42.2530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 233, 70) }
```

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

```
.background{ background-color: rgb(70, 233,  
70) }
```

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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