

Converting Colors

HunterLab(76.7955, -60.3212,
45.7732)

Have a look what the booklet for
HunterLab(76.7955, -60.3212,
45.7732) contains.

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Color

**HunterLab(76.6659,
-60.2330, 45.7102)**

Conversions

Conversions Part 1

Format	Color
Hex	4DE713
RGB	77, 231, 19
RGB Percent	30%, 91%, 7%
CMY	0.6980, 0.0941, 0.9254
CMYK	0.67, 0.00, 0.92, 0.09
HSL	104°, 85%, 49%
HSV	104°, 92%, 91%
XYZ	31.7540, 58.7766, 10.2875
YIQ	160.7860, -23.7320, -98.5800

Conversions

Conversions Part 2

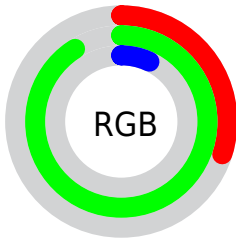
Format	Color
RYB	19, 231, 173
Decimal	5105427
CIELab	81.17, -71.89, 76.44
CIELCh	81, 104.933, 133.243
Yxy	58.7791, 0.3150, 0.5830
Android (android.graphics.Color)	4283295507 (0xFF4DE713)
YUV	160.7860, -69.9005, -73.4803
Hunter-Lab	76.6659, -60.2330, 45.7102

Details

The HunterLab color **76.6659, -60.2330, 45.7102** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **38.8888, 78.3518, -89.9319**, and the grayscale version is **59.8977, -3.1960, 3.2544**.

A 20% lighter version of the original color is **88.5043, -55.2241, 46.6316**, and **55.0201, -47.1797, 33.0772** is the 20% darker color. If you saturate the color by 10%, you get **76.3000, -61.8477, 45.9330**, and if you desaturate by 10%, it is **77.2596, -57.5960, 44.9089**.

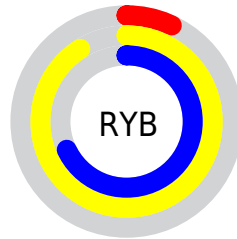
Distribution



Red (30%)

Green (91%)

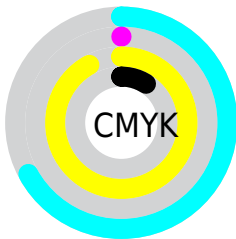
Blue (7%)



Red (7%)

Yellow (91%)

Blue (68%)

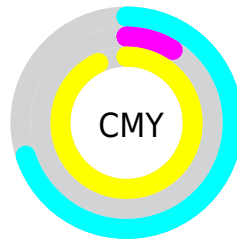


Cyan (67%)

Magenta (0%)

Yellow (92%)

Black (9%)



Cyan (70%)


Magenta (9%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.6659, -60.2330, 45.7102 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 76.6659, -60.2330, 45.7102 by changing the saturation by 10% instead.


 76.6659, -60.2330,
45.7102


 76.6659, -60.2330,
45.7102


204.9592,
-95.8669, 84.6670

 65.1424, -55.5535,
40.6094


 101.5168,
-68.9980, 55.3197

 54.2608, -50.6156,
35.2841


 114.7863,
-73.1436, 59.8704


 44.0632, -45.3576,
29.7355


 128.5884,
-77.1625, 64.2777

 34.5991, -39.6924,
24.2194

 142.9032,
-81.0720, 68.5579

 25.9306, -33.4953,
18.1514

 157.7130,
-84.8863, 72.7254

 18.1385, -27.0914,
12.6970

 173.0018,

 11.3357, -19.8374,

-88.6173, 76.7924

7.9350

188.7549,
-92.2747, 80.7699

■ 3.5990, -6.2982,
2.5193

0.0000, NaN, NaN

■ 76.6659, -60.2330,
45.7102

■ 76.6659, -60.2330,
45.7102

■ 76.3000, -61.8477,
45.9330

■ 77.2596, -57.5960,
44.9089

■ 78.0319, -54.1168,
43.3100

■ 78.9955, -49.7642,
40.8233

■ 80.1574, -44.5340,
37.3987

■ 81.5217, -38.4450,
33.0173

■ 83.0895, -31.5343,
27.6860

■ 84.8596, -23.8528,
21.4324

■ 86.8289, -15.4615,
14.2999

■ 88.9926, -6.4269,
6.3431

Harmonies

Analogous

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



76.6675, -25.2305, 50.7241



76.6659, -60.2330, 45.7102



76.6675, -77.0458, 26.4355

Triad

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



76.6675, -60.2342, 45.7105



76.6675, -30.2940, -148.9621



76.6675, 116.1632, 22.5675

Complementary

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



76.6659, -60.2330, 45.7102



38.8888, 78.3518, -89.9319

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.



76.6675, 113.7706, -27.7725



76.6659, -60.2330, 45.7102



76.6675, 19.6115, -152.7622

Square

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



76.6675, -60.2342, 45.7105



76.6675, -63.1045, -90.7912



76.6675, 75.0367, -99.1829



76.6675, 80.9088, 44.4579

Rectangle

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



76.6659, -60.2330, 45.7102



76.6675, -79.3228, -1.2771



76.6675, 75.0367, -99.1829



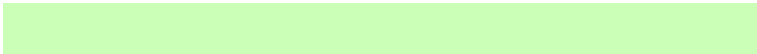
76.6675, 119.9626, 9.2506

Sweetspot

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



76.6675, -60.2342, 45.7105



93.6368, -32.2659, 28.5591



67.9270, 6.2807, 41.4277



42.9393, -16.5929, 14.5446

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.6675, -60.2342, 45.7105



85.3303, -69.2777, 51.3673



75.9434, -62.8608, 41.7969



40.3471, -6.2040, 5.7900



57.1740, -46.1116, 34.4231



15.6863, -11.9281, 9.4570

Inverse Universe

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



38.8888, 78.3518, -89.9319



41.9121, 89.0017, -106.4507



45.7843, 83.4459, -29.8190



37.9561, 2.1932, -1.7918



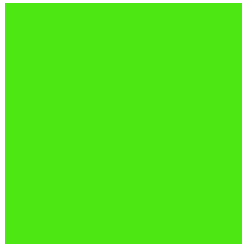
28.2046, 59.7688, -70.6694



7.9579, 16.6316, -18.1398

Previews

White Background



This preview shows how the HunterLab color 76.6659, -60.2330, 45.7102 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 76.6659, -60.2330, 45.7102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

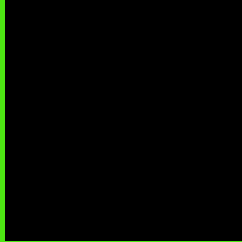
Any Text WCAG AA ✓ Pass

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 76.6659, -60.2330, 45.7102 Background



This preview shows how black text looks on a background with the HunterLab color 76.6659, -60.2330, 45.7102.



This preview shows how white text looks on a background with the HunterLab color 76.6659,

-60.2330, 45.7102.

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

76.6659, -60.2330, 45.7102

Protanopia

75.7074, -10.5784, 46.4654

Deuteranopia

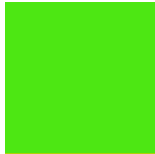
75.8842, 5.5560, 44.3184



Tritanopia

76.4331, -24.9021, -12.5591

Trichromacy



Original Color

76.6659, -60.2330, 45.7102



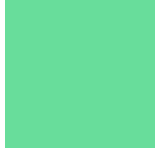
Protanomaly

74.3383, -33.7391, 45.0559



Deuteranomaly

73.8290, -25.3503, 43.4371



Tritanomaly

75.5133, -43.5479, 21.4204

Monochromacy



Original Color

76.6659, -60.2330, 45.7102



Achromatopsia

59.6993, -3.1854, 3.2436



Achromatomaly

64.0061, -29.6709, 25.5188

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.6659, -60.2330, 45.7102 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(77, 231, 19)` looks like.

```
.text, #text, p{  
    color:rgb(77, 231, 19)  
}
```

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(77, 231, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 231, 19) }
```

Border

The CSS property to change the border of an element to HunterLab 76.6659, -60.2330, 45.7102 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(77, 231, 19) }
```


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

```
.border{ border-color:rgb(77, 231, 19) }
```

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

Here you see how a box with a 4 pixel rgb(77, 231, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 231, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 231, 19);  
box-shadow:4px 4px 4px 4px rgb(77, 231,  
19) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.6659, -60.2330, 45.7102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 231, 19) }
```

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

```
.background{ background-color: rgb(77, 231,  
19) }
```

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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