

Converting Colors

HunterLab(76.6199, -62.4659,
46.1192)

Have a look what the booklet for
HunterLab(76.6199, -62.4659,
46.1192) contains.

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Color

**HunterLab(76.5989,
-62.4604, 46.1064)**

Conversions

Conversions Part 1

Format	Color
Hex	3CE800
RGB	60, 232, 0
RGB Percent	24%, 91%, 0%
CMY	0.7647, 0.0902, 0.9999
CMYK	0.74, 0.00, 1.00, 0.09
HSL	104°, 100%, 45%
HSV	104°, 100%, 91%
XYZ	30.7201, 58.6739, 9.7061
YIQ	154.1240, -28.0400, -108.6160

Conversions

Conversions Part 2

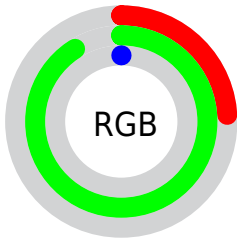
Format	Color
RYB	0, 232, 172
Decimal	3991552
CIELab	81.11, -75.45, 78.09
CIELCh	81, 108.587, 134.016
Yxy	58.6764, 0.3100, 0.5921
Android (android.graphics.Color)	4282181632 (0xFF3CE800)
YUV	154.1240, -75.9831, -82.5467
Hunter-Lab	76.5989, -62.4604, 46.1064

Details

The HunterLab color **76.5989, -62.4604, 46.1064** 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 **38.2125, 80.6824, -93.5002**, and the grayscale version is **57.2055, -3.0523, 3.1081**.

A 20% lighter version of the original color is **87.9164, -57.7111, 46.9370**, and **55.3714, -47.4810, 33.2884** is the 20% darker color. If you saturate the color by 10%, you get **76.6000, -62.4639, 46.1070**, and if you desaturate by 10%, it is **77.0485, -60.4871, 45.7848**.

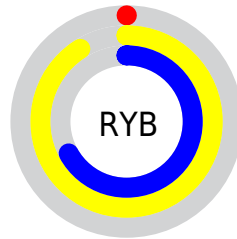
Distribution



Red (24%)

Green (91%)

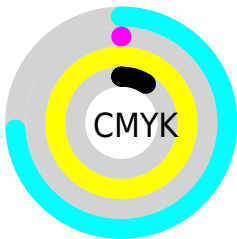
Blue (0%)



Red (0%)

Yellow (91%)

Blue (67%)

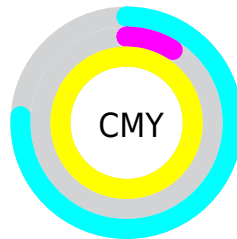


Cyan (74%)

Magenta (0%)

Yellow (100%)

Black (9%)



Cyan (76%)

Magenta (9%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.5989, -62.4604, 46.1064 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 76.5989, -62.4604, 46.1064 by changing the saturation by 10% instead.

■ 76.5989, -62.4604,
46.1064

■ 76.5989, -62.4604,
46.1064

204.8662,
-99.6500, 85.8201

■ 65.0789, -57.5570,
40.9068

■ 101.4432,
-71.6323, 55.9060

■ 54.2010, -52.3783,
35.4821

■ 114.7096,
-75.9648, 60.5470

■ 44.0075, -46.8593,
29.8599

■ 128.5088,
-80.1614, 65.0411

■ 34.5478, -40.9086,
24.1834

■ 142.8207,
-84.2406, 69.4050

■ 25.8839, -34.3970,
18.1187

■ 157.6278,
-88.2175, 73.6531

■ 18.0971, -27.9249,
12.6680

■ 172.9139,

■ 11.3003, -19.7755,

-92.1046, 77.7979

7.9102

188.6645,
-95.9125, 81.8504

■ 3.5108, -6.1439,
2.4576

0.0000, NaN, NaN

■ 76.5989, -62.4604,
46.1064

■ 76.5989, -62.4604,
46.1064

■ 76.6000, -62.4639,
46.1070

■ 77.0485, -60.4871,
45.7848

■ 77.6644, -57.7289,
44.8382

■ 78.4680, -54.0971,
43.0721

■ 79.4704, -49.5633,
40.4041

■ 80.6782, -44.1275,
36.7906

■ 82.0951, -37.8127,
32.2188

■ 83.7219, -30.6606,
26.7011

■ 85.5569, -22.7269,
20.2701

■ 87.5966, -14.0765,
12.9733

Harmonies

Analogous

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



76.6005, -27.0792, 51.0996



76.5989, -62.4604, 46.1064



76.6005, -79.0883, 26.2136

Triad

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



76.6005, -62.4615, 46.1067



76.6005, -30.0001, -157.9678



76.6005, 120.8057, 24.0024

Complementary

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



76.5989, -62.4604, 46.1064



38.2125, 80.6824, -93.5002

Split Complementary

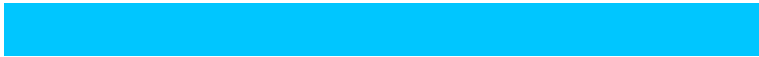
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.6005, 119.3993, -27.3373



76.5989, -62.4604, 46.1064



76.6005, 21.9743, -160.2306

Square

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



76.6005, -62.4615, 46.1067



76.6005, -64.1000, -97.3336



76.6005, 79.6140, -102.3057



76.6005, 83.0550, 45.4213

Rectangle

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



76.5989, -62.4604, 46.1064



76.6005, -81.1258, -2.8787



76.6005, 79.6140, -102.3057



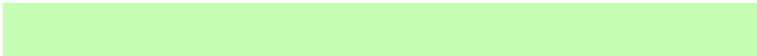
76.6005, 125.1586, 10.6058

Sweetspot

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



76.6005, -62.4615, 46.1067



93.1653, -34.2728, 29.8356



67.7942, 6.9061, 41.8945



42.7351, -17.4652, 15.0628

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.6005, -62.4615, 46.1067



85.2499, -69.6184, 51.3118



76.1470, -64.0397, 43.0676



40.3340, -6.2509, 5.7750



57.1177, -46.3498, 34.3842



15.6672, -12.0080, 9.4439

Inverse Universe

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



38.2125, 80.6824, -93.5002



42.4841, 89.7494, -104.2829



45.1294, 84.3930, -25.9649



37.9709, 2.2431, -1.7719



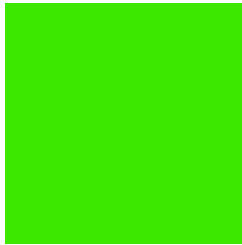
28.5810, 60.2624, -69.2554



8.0473, 16.7513, -17.8233

Previews

White Background



This preview shows how the HunterLab color 76.5989, -62.4604, 46.1064 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 76.5989, -62.4604, 46.1064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

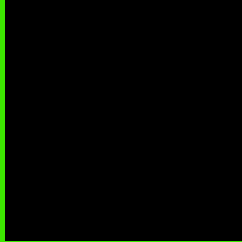
Any Text WCAG AA ✓ Pass

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 76.5989, -62.4604, 46.1064 Background



This preview shows how black text looks on a background with the HunterLab color 76.5989, -62.4604, 46.1064.



This preview shows how white text looks on a background with the HunterLab color 76.5989,

-62.4604, 46.1064.

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

76.5989, -62.4604, 46.1064

Protanopia

75.7074, -10.5784, 46.4654

Deuteranopia

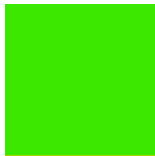
75.5875, 6.0043, 44.3148



Tritanopia

76.4032, -26.6581, -13.2110

Trichromacy



Original Color

76.5989, -62.4604, 46.1064



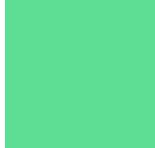
Protanomaly

74.2201, -35.9444, 45.1048



Deuteranomaly

73.2885, -27.4621, 43.5738



Tritanomaly

75.2702, -46.6344, 23.4959

Monochromacy



Original Color

76.5989, -62.4604, 46.1064



Achromatopsia

56.8457, -3.0331, 3.0885



Achromatomaly

61.9119, -31.4288, 26.5337

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.5989, -62.4604, 46.1064 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(60, 232, 0)` looks like.

```
.text, #text, p{  
    color:rgb(60, 232, 0)  
}
```

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(60, 232, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 232, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 76.5989, -62.4604, 46.1064 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(60, 232, 0) }
```


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

```
.border{ border-color:rgb(60, 232, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 232, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 232, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 232, 0);  
box-shadow:4px 4px 4px 4px rgb(60, 232, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 76.5989, -62.4604, 46.1064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 232, 0) }
```

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

```
.background{ background-color: rgb(60, 232,  
0) }
```

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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