

Converting Colors

HunterLab(76.4803, -39.0792,
48.3027)

Have a look what the booklet for
HunterLab(76.4803, -39.0792,
48.3027) contains.

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Color

**HunterLab(76.6616,
-38.5592, 46.5635)**

Conversions

Conversions Part 1

Format	Color
Hex	A6DB00
RGB	166, 219, 0
RGB Percent	65%, 86%, 0%
CMY	0.3490, 0.1412, 0.9999
CMYK	0.24, 0.00, 1.00, 0.14
HSL	75°, 100%, 43%
HSV	75°, 100%, 86%
XYZ	41.0574, 58.7700, 9.1798
YIQ	178.1870, 38.7110, -79.3450

Conversions

Conversions Part 2

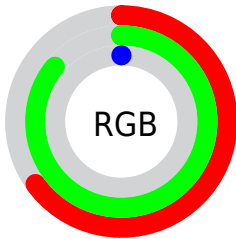
Format	Color
RYB	0, 219, 53
Decimal	10935040
CIELab	81.17, -40.85, 79.83
CIELCh	81, 89.672, 117.100
Yxy	58.7726, 0.3766, 0.5391
Android (android.graphics.Color)	4289125120 (0xFFA6DB00)
YUV	178.1870, -87.8462, -10.6880
Hunter-Lab	76.6616, -38.5592, 46.5635

Details

The HunterLab color **76.6616, -38.5592, 46.5635** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **24.2345, 62.6006, -147.9394**, and the grayscale version is **67.1472, -3.5828, 3.6482**.

A 20% lighter version of the original color is **93.9232, -34.1220, 51.5857**, and **54.5335, -31.7376, 33.0477** is the 20% darker color. If you saturate the color by 10%, you get **76.6628, -38.5633, 46.5642**, and if you desaturate by 10%, it is **77.0811, -36.8503, 46.2709**.

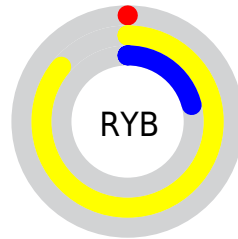
Distribution



Red (65%)

Green (86%)

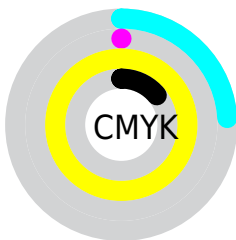
Blue (0%)



Red (0%)

Yellow (86%)

Blue (21%)

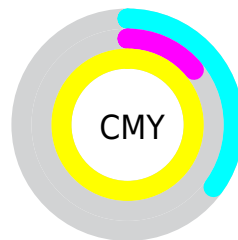


Cyan (24%)

Magenta (0%)

Yellow (100%)

Black (14%)



Cyan (35%)

Magenta (14%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.6616, -38.5592, 46.5635 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 76.6616, -38.5592, 46.5635 by changing the saturation by 10% instead.

■ 76.6616, -38.5592,
46.5635

■ 76.6616, -38.5592,
46.5635

204.9534,
-61.1375, 87.0596

■ 65.1384, -35.7483,
41.2633

■ 101.5121,
-43.9241, 56.5581

■ 54.2570, -32.8188,
35.7382

■ 114.7815,
-46.5049, 61.2921

■ 44.0597, -29.7405,
30.0524

■ 128.5834,
-49.0334, 65.8761

■ 34.5959, -26.4673,
24.2171

■ 142.8980,
-51.5180, 70.3266

■ 25.9276, -22.9296,
18.1493

■ 157.7077,
-53.9656, 74.6582

■ 18.1359, -19.0145,
12.6952

■ 172.9963,

■ 11.3335, -17.0339,

-56.3817, 78.8838

7.9334

188.7493,
-58.7711, 83.0143

■ 3.5935, -6.2887,
2.5155

0.0000, NaN, NaN

■ 76.6616, -38.5592,
46.5635

■ 76.6616, -38.5592,
46.5635

■ 76.6628, -38.5633,
46.5642

■ 77.0811, -36.8503,
46.2709

■ 77.5543, -34.8515,
45.3697

■ 78.0955, -32.4941,
43.6719

■ 78.7113, -29.7474,
41.0868

■ 79.4064, -26.5913,
37.5496

■ 80.1845, -23.0142,
33.0158

■ 81.0482, -19.0115,
27.4574

■ 81.9995, -14.5842,
20.8610

■ 83.0395, -9.7384,
13.2258

Harmonies

Analogous

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



76.6633, 0.1780, 48.6747



76.6616, -38.5592, 46.5635



76.6633, -62.3853, 36.0062

Triad

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



76.6633, -38.5612, 46.5639



76.6633, -44.4006, -97.0344



76.6633, 98.4548, 0.0424

Complementary

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



76.6616, -38.5592, 46.5635



24.2345, 62.6006, -147.9394

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.



76.6633, 79.4154, -52.7614



76.6616, -38.5592, 46.5635



76.6633, -8.2758, -125.1884

Square

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



76.6633, -38.5612, 46.5639



76.6633, -65.1916, -41.5756



76.6633, 37.7958, -105.6400



76.6633, 85.3525, 32.2662

Rectangle

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



76.6616, -38.5592, 46.5635



76.6633, -69.7164, 19.8796



76.6633, 37.7958, -105.6400



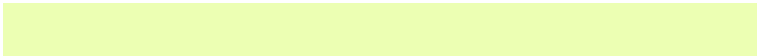
76.6633, 95.5182, -15.7739

Sweetspot

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



76.6633, -38.5612, 46.5639



96.2653, -22.7226, 32.8165



41.7603, 56.8791, 26.7272



44.3296, -11.4740, 16.5446

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.6633, -38.5612, 46.5639



91.0459, -45.9666, 55.2973



71.8178, -58.3190, 43.2322



38.8547, -4.4222, 5.9721



59.0764, -29.5177, 35.8859



15.1652, -7.0109, 9.2220

Inverse Universe

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



24.2345, 62.6006, -147.9394



28.6972, 74.3033, -176.4812



35.5697, 75.2890, -88.4797



35.7332, 0.5702, -2.2828



18.7732, 48.3032, -113.0895



5.1805, 12.6641, -26.0504

Previews

White Background



This preview shows how the HunterLab color 76.6616, -38.5592, 46.5635 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 76.6616, -38.5592, 46.5635 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 76.6616, -38.5592, 46.5635 Background



This preview shows how black text looks on a background with the HunterLab color 76.6616, -38.5592, 46.5635.



This preview shows how white text looks on a background with the HunterLab color 76.6616, -38.5592, 46.5635.

-38.5592, 46.5635.

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

76.6616, -38.5592, 46.5635

Protanopia

76.2261, -10.3028, 46.7898

Deuteranopia

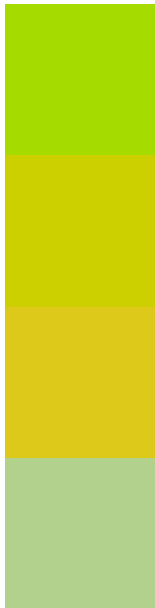
76.3528, 5.5347, 45.5862



Tritanopia

76.5946, -6.9873, -5.3379

Trichromacy



Original Color

76.6616, -38.5592, 46.5635

Protanomaly

76.2174, -21.5911, 46.5868

Deuteranomaly

75.6410, -12.3014, 45.6734

Tritanomaly

75.4714, -23.5291, 26.6019

Monochromacy



Original Color

76.6616, -38.5592, 46.5635

Achromatopsia

66.7234, -3.5602, 3.6252

Achromatomaly

69.5204, -20.2250, 29.1603

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.6616, -38.5592, 46.5635 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(166, 219, 0)` looks like.

```
.text, #text, p{  
    color:rgb(166, 219, 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(166, 219, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 219, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 76.6616, -38.5592, 46.5635 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(166, 219, 0) }
```


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

```
.border{ border-color:rgb(166, 219, 0) }
```

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

Here you see how a box with a 4 pixel rgb(166, 219, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 219, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 219, 0);  
box-shadow:4px 4px 4px 4px rgb(166, 219,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.6616, -38.5592, 46.5635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 219, 0) }
```

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

```
.background{ background-color: rgb(166,  
219, 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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