

Converting Colors

HunterLab(76.9886, -50.1489,
44.9724)

Have a look what the booklet for
HunterLab(76.9886, -50.1489,
44.9724) contains.

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Color

**HunterLab(76.8536,
-50.0699, 44.8619)**

Conversions

Conversions Part 1

Format	Color
Hex	7FE229
RGB	127, 226, 41
RGB Percent	50%, 89%, 16%
CMY	0.5020, 0.1137, 0.8392
CMYK	0.44, 0.00, 0.82, 0.11
HSL	92°, 76%, 52%
HSV	92°, 82%, 89%
XYZ	36.3489, 59.0648, 11.5826
YIQ	175.3090, 0.3810, -78.5230

Conversions

Conversions Part 2

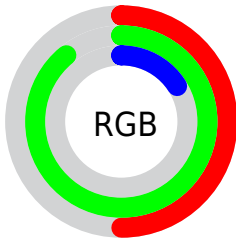
Format	Color
RYB	41, 226, 140
Decimal	8380969
CIELab	81.33, -56.59, 73.04
CIELCh	81, 92.395, 127.766
Yxy	59.0673, 0.3397, 0.5520
Android (android.graphics.Color)	4286571049 (0xFF7FE229)
YUV	175.3090, -66.2143, -42.3670
Hunter-Lab	76.8536, -50.0699, 44.8619

Details

The HunterLab color **76.8536, -50.0699, 44.8619** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **35.5731, 64.8940, -96.8717**, and the grayscale version is **65.8710, -3.5147, 3.5789**.

A 20% lighter version of the original color is **91.1506, -44.4592, 46.8693**, and **54.6255, -41.7132, 32.9297** is the 20% darker color. If you saturate the color by 10%, you get **76.2093, -52.8689, 45.5753**, and if you desaturate by 10%, it is **77.6260, -46.6826, 43.3551**.

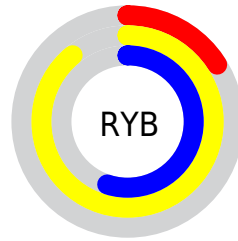
Distribution



Red (50%)

Green (89%)

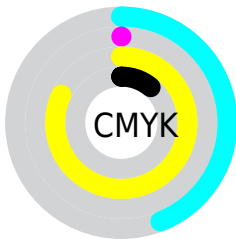
Blue (16%)



Red (16%)

Yellow (89%)

Blue (55%)

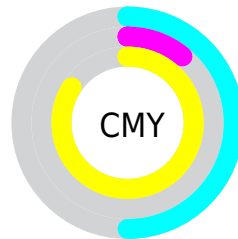


Cyan (44%)

Magenta (0%)

Yellow (82%)

Black (11%)



Cyan (50%)


Magenta (11%)


Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.8536, -50.0699, 44.8619 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 76.8536, -50.0699, 44.8619 by changing the saturation by 10% instead.


 76.8536, -50.0699,
44.8619


 76.8536, -50.0699,
44.8619


205.2197,
-79.1516, 82.2575


 65.3202, -46.3314,
39.9677


 101.7229,
-57.1244, 54.0770

 54.4281, -42.4054,
34.8513


 115.0011,
-60.4837, 58.4414


 44.2193, -38.2458,
29.4982


 128.8114,
-63.7543, 62.6694

 34.7432, -33.7851,
24.3202

 143.1342,
-66.9490, 66.7773

 26.0614, -28.9235,
18.2430

 157.9518,
-70.0781, 70.7788

 18.2547, -23.5066,
12.7783

 173.2480,

 11.4351, -20.0114,

-73.1503, 74.6861

8.0045

189.0084,
-76.1728, 78.5093

■ 3.8351, -6.7115,
2.6846

0.0000, NaN, NaN

■ 76.8536, -50.0699,
44.8619

■ 76.8536, -50.0699,
44.8619

■ 76.2093, -52.8689,
45.5753


■ 77.6260, -46.6826,
43.3551


■ 75.7638, -54.7692,
45.7265


■ 78.5289, -42.6770,
40.9613


■ 79.5688, -38.0472,
37.6229

■ 80.7484, -32.7997,
33.3087

 82.0692, -26.9515,
28.0089

 83.5311, -20.5286,
21.7319

 85.1328, -13.5630,
14.5003

 86.8724, -6.0916,
6.3482

 88.7470, 1.8465,
-2.6817

Harmonies

Analogous

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



76.8553, -15.4039, 49.1421



76.8536, -50.0699, 44.8619



76.8553, -68.6991, 29.1818

Triad

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



76.8553, -50.0714, 44.8623



76.8553, -34.0626, -116.9098



76.8553, 101.2403, 14.4546

Complementary

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



76.8536, -50.0699, 44.8619



35.5731, 64.8940, -96.8717

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.



76.8553, 93.0046, -33.7364



76.8536, -50.0699, 44.8619



76.8553, 7.8871, -129.3758

Square

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



76.8553, -50.0714, 44.8623



76.8553, -61.0407, -64.8370



76.8553, 56.0956, -92.8931



76.8553, 76.5455, 39.3529

Rectangle

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



76.8536, -50.0699, 44.8619



76.8553, -72.6364, 7.3096



76.8553, 56.0956, -92.8931



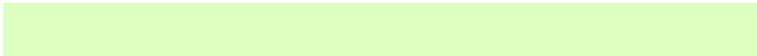
76.8553, 102.3175, 0.9202

Sweetspot

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



76.8553, -50.0714, 44.8623



95.2084, -26.0497, 27.4260



59.1528, 20.4952, 34.7049



43.7737, -13.2563, 13.8650

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.8553, -50.0714, 44.8623



86.9568, -62.4501, 52.3892



74.2115, -61.0090, 42.4972



39.5574, -5.4587, 5.8337



57.2846, -41.1167, 34.5787



15.2560, -10.1078, 9.2237

Inverse Universe

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



35.5731, 64.8940, -96.8717



35.7854, 80.6637, -133.2850



47.8693, 84.2363, -52.7537



36.8818, 1.5156, -1.9839



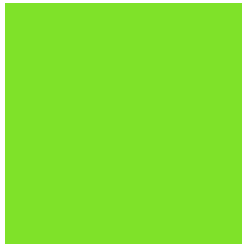
23.4968, 53.5706, -88.1618



6.6016, 14.5945, -21.2300

Previews

White Background



This preview shows how the HunterLab color 76.8536, -50.0699, 44.8619 looks on a white background.

Color Contrast Check

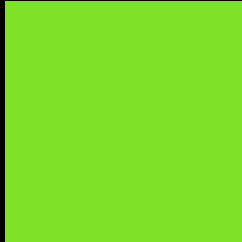
Large Text (above 18pt) WCAG AA × Fail

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 76.8536, -50.0699, 44.8619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

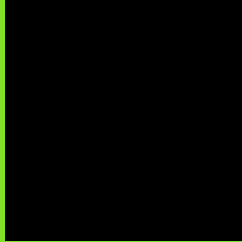
Any Text WCAG AA ✓ Pass

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 76.8536, -50.0699, 44.8619 Background



This preview shows how black text looks on a background with the HunterLab color 76.8536, -50.0699, 44.8619.



This preview shows how white text looks on a background with the HunterLab color 76.8536, -50.0699, 44.8619.

-50.0699, 44.8619.

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

76.8536, -50.0699, 44.8619

Protanopia

76.1955, -10.2602, 45.5941

Deuteranopia

76.3435, 5.7303, 43.8228



Tritanopia

76.4913, -16.6243, -9.4878

Trichromacy



Original Color

76.8536, -50.0699, 44.8619

Protanomaly

75.6134, -26.9995, 44.7476

Deuteranomaly

75.3048, -18.0827, 43.4340

Tritanomaly

75.8579, -33.1795, 20.5255

Monochromacy



Original Color

76.8536, -50.0699, 44.8619

Achromatopsia

65.4745, -3.4936, 3.5574

Achromatomaly

68.8179, -24.0502, 24.9784

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.8536, -50.0699, 44.8619 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(127, 226, 41)` looks like.

```
.text, #text, p{  
    color:rgb(127, 226, 41)  
}
```

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(127, 226, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 226, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 76.8536, -50.0699, 44.8619 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(127, 226, 41) }
```


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

```
.border{ border-color:rgb(127, 226, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 226, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 226, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 226, 41);  
box-shadow:4px 4px 4px 4px rgb(127, 226,  
41) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.8536, -50.0699, 44.8619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 226, 41) }
```

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

```
.background{ background-color: rgb(127,  
226, 41) }
```

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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