

Converting Colors

HunterLab(76.8003, -48.5441,
45.2413)

Have a look what the booklet for
HunterLab(76.8003, -48.5441,
45.2413) contains.

HunterLab(76.7843, -48.5880, 45.2357)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(76.7843,
-48.5880, 45.2357)**

Conversions

Conversions Part 1

Format	Color
Hex	85E123
RGB	133, 225, 35
RGB Percent	52%, 88%, 14%
CMY	0.4784, 0.1176, 0.8627
CMYK	0.41, 0.00, 0.84, 0.12
HSL	89°, 76%, 51%
HSV	89°, 84%, 88%
XYZ	36.9014, 58.9583, 11.0253
YIQ	175.8320, 6.1580, -78.5940

Conversions

Conversions Part 2

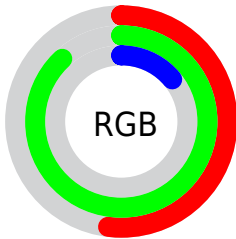
Format	Color
RYB	35, 225, 127
Decimal	8773923
CIELab	81.27, -54.50, 74.48
CIELCh	81, 92.297, 126.195
Yxy	58.9608, 0.3452, 0.5516
Android (android.graphics.Color)	4286964003 (0xFF85E123)
YUV	175.8320, -69.4302, -37.5637
Hunter-Lab	76.7843, -48.5880, 45.2357

Details

The HunterLab color **76.7843, -48.5880, 45.2357** is a dark color, and the websafe version is hex **66CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **33.3953, 64.2134, -104.7728**, and the grayscale version is **66.1000, -3.5269, 3.5913**.

A 20% lighter version of the original color is **91.5301, -43.0644, 47.8367**, and **54.5469, -40.2827, 32.9063** is the 20% darker color. If you saturate the color by 10%, you get **76.1747, -51.2043, 45.7584**, and if you desaturate by 10%, it is **77.5070, -45.4484, 43.9513**.

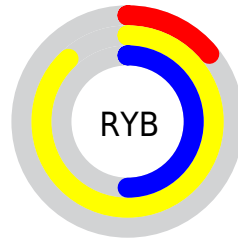
Distribution



Red (52%)

Green (88%)

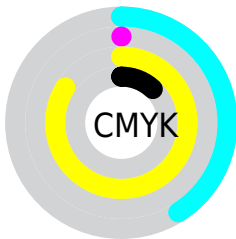
Blue (14%)



Red (14%)

Yellow (88%)

Blue (50%)

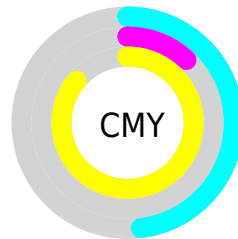


Cyan (41%)

Magenta (0%)

Yellow (84%)

Black (12%)



Cyan (48%)

Magenta (12%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.7843, -48.5880, 45.2357 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 76.7843, -48.5880, 45.2357 by changing the saturation by 10% instead.

■ 76.7843, -48.5880,
45.2357

■ 76.7843, -48.5880,
45.2357

205.1236,
-76.7996, 83.2935

■ 65.2546, -44.9737,
40.2536

■ 101.6468,
-55.4163, 54.6183

■ 54.3663, -41.1810,
35.0481

■ 114.9218,
-58.6714, 59.0618

■ 44.1617, -37.1659,
29.6073

■ 128.7291,
-61.8427, 63.3658

■ 34.6900, -32.8636,
24.2830

■ 143.0490,
-64.9423, 67.5467

■ 26.0131, -28.1779,
18.2092

■ 157.8636,
-67.9803, 71.6186

■ 18.2118, -22.9587,
12.7483

■ 173.1571,

■ 11.3984, -19.9471,

-70.9647, 75.5936

7.9789

188.9149,
-73.9026, 79.4822

■ 3.7497, -6.5620,
2.6248

0.0000, NaN, NaN

■ 76.7843, -48.5880,
45.2357

■ 76.7843, -48.5880,
45.2357

■ 76.1747, -51.2043,
45.7584

■ 77.5070, -45.4484,
43.9513

■ 75.8743, -52.4749,
45.8347

■ 78.3455, -41.7494,
41.8000

■ 79.3068, -37.4791,
38.7148

■ 80.3941, -32.6369,
34.6551

■ 81.6094, -27.2331,
29.6025

■ 82.9533, -21.2860,
23.5563

■ 84.4254, -14.8204,
16.5310

■ 86.0242, -7.8660,
8.5530

■ 87.7479, -0.4556,
-0.3416

Harmonies

Analogous

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



76.7860, -13.1673, 49.1461



76.7843, -48.5880, 45.2357



76.7860, -68.0271, 30.4185

Triad

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



76.7860, -48.5896, 45.2361



76.7860, -35.8324, -114.7325



76.7860, 101.5155, 12.4980

Complementary

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



76.7843, -48.5880, 45.2357



33.3953, 64.2134, -104.7728

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.



76.7860, 91.5329, -36.7343



76.7843, -48.5880, 45.2357



76.7860, 5.4060, -129.8206

Square

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



76.7860, -48.5896, 45.2361



76.7860, -61.9278, -61.5612



76.7860, 53.5971, -95.5442



76.7860, 78.3944, 38.5050

Rectangle

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



76.7843, -48.5880, 45.2357



76.7860, -72.4709, 9.4143



76.7860, 53.5971, -95.5442



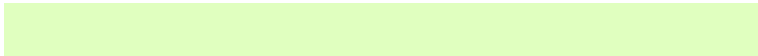
76.7860, 101.9806, -1.4515

Sweetspot

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



76.7860, -48.5896, 45.2361



95.4780, -25.0539, 27.6966



55.9173, 26.4022, 33.2313



43.9129, -12.7380, 14.0008

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.7860, -48.5896, 45.2361



87.3994, -60.6346, 52.7936



73.7494, -61.2046, 43.0935



39.6019, -5.3003, 5.8846



57.6561, -39.5835, 34.8345



15.3539, -9.7091, 9.2910

Inverse Universe

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



33.3953, 64.2134, -104.7728



33.8626, 79.3116, -143.3940



47.0566, 85.5699, -59.2631



36.8339, 1.3535, -2.0484



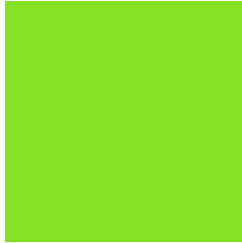
22.5244, 52.4809, -93.2516



6.3624, 14.3084, -22.3435

Previews

White Background



This preview shows how the HunterLab color 76.7843, -48.5880, 45.2357 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 76.7843, -48.5880, 45.2357 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 76.7843, -48.5880, 45.2357 Background



This preview shows how black text looks on a background with the HunterLab color 76.7843, -48.5880, 45.2357.



This preview shows how white text looks on a background with the HunterLab color 76.7843, -48.5880, 45.2357.

-48.5880, 45.2357.

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

76.7843, -48.5880, 45.2357

Protanopia

76.1747, -10.3757, 45.9018

Deuteranopia

76.0251, 6.0647, 44.1337



Tritanopia

76.3944, -15.3937, -9.0375

Trichromacy



Original Color

76.7843, -48.5880, 45.2357

Protanomaly

75.7619, -26.4845, 45.2060

Deuteranomaly

75.1536, -17.0753, 43.8043

Tritanomaly

75.7791, -31.8423, 21.1799

Monochromacy



Original Color

76.7843, -48.5880, 45.2357

Achromatopsia

65.8903, -3.5157, 3.5799

Achromatomaly

68.9477, -23.5981, 25.3878

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.7843, -48.5880, 45.2357 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(133, 225, 35)` looks like.

```
.text, #text, p{  
    color:rgb(133, 225, 35)  
}
```

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(133, 225, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 225, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 76.7843, -48.5880, 45.2357 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(133, 225, 35) }
```


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

```
.border{ border-color:rgb(133, 225, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 225, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 225, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 225, 35);  
box-shadow:4px 4px 4px 4px rgb(133, 225,  
35) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.7843, -48.5880, 45.2357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 225, 35) }
```

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

```
.background{ background-color: rgb(133,  
225, 35) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor