

Converting Colors

HunterLab(76.6858, -33.2082,
46.2487)

Have a look what the booklet for
HunterLab(76.6858, -33.2082,
46.2487) contains.

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Color

**HunterLab(76.7173,
-33.0907, 46.2837)**

Conversions

Conversions Part 1

Format	Color
Hex	B4D811
RGB	180, 216, 17
RGB Percent	71%, 85%, 7%
CMY	0.2941, 0.1529, 0.9333
CMYK	0.17, 0.00, 0.92, 0.15
HSL	71°, 85%, 46%
HSV	71°, 92%, 85%
XYZ	43.4794, 58.8554, 9.5989
YIQ	182.5500, 42.4230, -69.5210

Conversions

Conversions Part 2

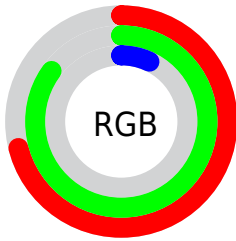
Format	Color
RYB	17, 216, 53
Decimal	11851793
CIELab	81.21, -33.76, 78.59
CIELCh	81, 85.538, 113.247
Yxy	58.8581, 0.3884, 0.5258
Android (android.graphics.Color)	4290041873 (0xFFB4D811)
YUV	182.5500, -81.6161, -2.2363
Hunter-Lab	76.7173, -33.0907, 46.2837

Details

The HunterLab color **76.7173, -33.0907, 46.2837** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **24.7329, 58.2301, -139.4852**, and the grayscale version is **68.9456, -3.6788, 3.7459**.

A 20% lighter version of the original color is **95.2893, -28.9166, 52.0523**, and **54.4310, -27.1385, 33.0650** is the 20% darker color. If you saturate the color by 10%, you get **76.4539, -34.1702, 46.5124**, and if you desaturate by 10%, it is **77.0956, -31.5105, 45.5035**.

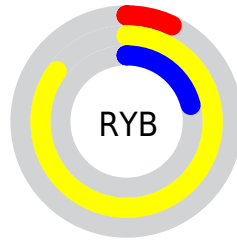
Distribution



Red (71%)

Green (85%)

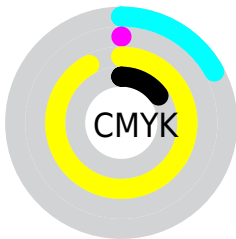
Blue (7%)



Red (7%)

Yellow (85%)

Blue (21%)

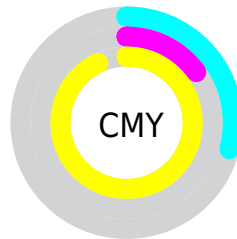


Cyan (17%)

Magenta (0%)

Yellow (92%)

Black (15%)



Cyan (29%)

Magenta (15%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.7173, -33.0907, 46.2837 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 76.7173, -33.0907, 46.2837 by changing the saturation by 10% instead.

■ 76.7173, -33.0907,
46.2837

■ 76.7173, -33.0907,
46.2837

205.0307,
-52.8107, 86.2143

■ 65.1912, -30.6857,
41.0568

■ 101.5733,
-37.7153, 56.1368

■ 54.3067, -28.1920,
35.6048

■ 114.8452,
-39.9543, 60.8034

■ 44.1061, -25.5865,
29.9621

■ 128.6496,
-42.1568, 65.3224

■ 34.6387, -22.8330,
24.2471

■ 142.9666,
-44.3293, 69.7103

■ 25.9665, -19.8765,
18.1765

■ 157.7785,
-46.4770, 73.9817

■ 18.1704, -16.6267,
12.7193

■ 173.0694,

■ 11.3629, -14.2969,

-48.6041, 78.1490

7.9541

188.8245,
-50.7144, 82.2234

■ 3.6653, -6.4143,
2.5657

0.0000, NaN, NaN

■ 76.7173, -33.0907,
46.2837

■ 76.7173, -33.0907,
46.2837

■ 76.4539, -34.1702,
46.5124

■ 77.0956, -31.5105,
45.5035

■ 77.5313, -29.6073,
43.9636

■ 78.0330, -27.3481,
41.5667

■ 78.6058, -24.7088,
38.2415

■ 79.2540, -21.6731,
33.9365

■ 79.9806, -18.2319,
28.6168

■ 80.7880, -14.3813,
22.2618

■ 81.6779, -10.1226,
14.8635

■ 82.6514, -5.4613,
6.4250

Harmonies

Analogous

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



76.7190, 5.5020, 47.7616



76.7173, -33.0907, 46.2837



76.7190, -58.0881, 37.1034

Triad

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



76.7190, -33.0929, 46.2841



76.7190, -46.2053, -84.8075



76.7190, 92.1925, -5.2859

Complementary

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



76.7173, -33.0907, 46.2837



24.7329, 58.2301, -139.4852

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.



76.7190, 70.7849, -56.4620



76.7173, -33.0907, 46.2837



76.7190, -13.2474, -115.7353

Square

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



76.7190, -33.0929, 46.2841



76.7190, -64.4593, -32.1865



76.7190, 29.9676, -103.2706



76.7190, 83.7381, 28.4812

Rectangle

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



76.7173, -33.0907, 46.2837



76.7190, -66.4782, 22.9752



76.7190, 29.9676, -103.2706



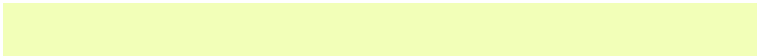
76.7190, 88.1231, -21.0535

Sweetspot

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



76.7190, -33.0929, 46.2841



96.8790, -20.2670, 31.7233



41.1548, 56.2336, 25.5787



44.6309, -10.2798, 16.1380

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.7190, -33.0929, 46.2841



92.2251, -41.3659, 56.1045



71.4211, -54.3665, 42.6167



37.9487, -4.1227, 5.8745



58.8549, -26.1462, 35.8084



14.5587, -6.0189, 8.8656

Inverse Universe

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



24.7329, 58.2301, -139.4852



27.9359, 73.6851, -182.2879



34.3700, 70.2829, -89.6661



34.8076, 0.3692, -2.2859



17.9570, 47.0935, -115.0742



4.7709, 11.8802, -25.6752

Previews

White Background



This preview shows how the HunterLab color 76.7173, -33.0907, 46.2837 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 76.7173, -33.0907, 46.2837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

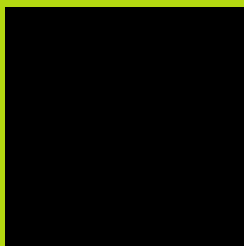
Any Text WCAG AA ✓ Pass

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 76.7173, -33.0907, 46.2837 Background



This preview shows how black text looks on a background with the HunterLab color 76.7173, -33.0907, 46.2837.



This preview shows how white text looks on a background with the HunterLab color 76.7173,

-33.0907, 46.2837.

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

76.7173, -33.0907, 46.2837

Protanopia

76.5423, -10.7299, 46.8215

Deuteranopia

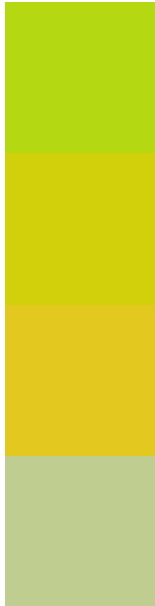
76.4804, 5.9713, 45.6051



Tritanopia

76.5855, -2.4853, -3.6726

Trichromacy



Original Color

76.7173, -33.0907, 46.2837

Protanomaly

76.3881, -19.2916, 46.4865

Deuteranomaly

75.9893, -9.4382, 45.5928

Tritanomaly

75.6522, -17.7414, 25.6271

Monochromacy



Original Color

76.7173, -33.0907, 46.2837

Achromatopsia

68.8136, -3.6717, 3.7388

Achromatomaly

70.9967, -17.6883, 27.7892

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.7173, -33.0907, 46.2837 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(180, 216, 17)` looks like.

```
.text, #text, p{  
    color:rgb(180, 216, 17)  
}
```

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(180, 216, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 216, 17) }
```

Border

The CSS property to change the border of an element to HunterLab 76.7173, -33.0907, 46.2837 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(180, 216, 17) }
```


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

```
.border{ border-color:rgb(180, 216, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 216, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 216, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 216, 17);  
box-shadow:4px 4px 4px 4px rgb(180, 216,  
17) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.7173, -33.0907, 46.2837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 216, 17) }
```

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

```
.background{ background-color: rgb(180,  
216, 17) }
```

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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