

Converting Colors

HunterLab(76.7338, -32.6810,
42.1819)

Have a look what the booklet for
HunterLab(76.7338, -32.6810,
42.1819) contains.

HunterLab(76.6707, -32.7465, 42.1901)	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(76.6707,
-32.7465, 42.1901)**

Conversions

Conversions Part 1

Format	Color
Hex	B0D846
RGB	176, 216, 70
RGB Percent	69%, 85%, 27%
CMY	0.3098, 0.1529, 0.7255
CMYK	0.19, 0.00, 0.68, 0.15
HSL	76°, 65%, 56%
HSV	76°, 68%, 85%
XYZ	43.5658, 58.7840, 14.8445
YIQ	187.3960, 23.0260, -53.8860

Conversions

Conversions Part 2

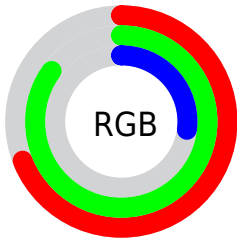
Format	Color
RYB	70, 216, 110
Decimal	11589702
CIELab	81.17, -33.34, 64.60
CIELCh	81, 72.697, 117.295
Yxy	58.7866, 0.3717, 0.5016
Android (android.graphics.Color)	4289779782 (0xFFB0D846)
YUV	187.3960, -57.8762, -9.9943
Hunter-Lab	76.6707, -32.7465, 42.1901

Details

The HunterLab color $76.6707, -32.7465, 42.1901$ is a light color, and the websafe version is hex $99CC33$. The color can be described as light muted chartreuse. A complement of this color would be $35.5733, 43.2077, -85.6074$, and the grayscale version is $70.8906, -3.7825, 3.8516$.

A 20% lighter version of the original color is $95.1414, -28.6795, 45.8229$, and $54.2981, -27.6606, 32.9740$ is the 20% darker color. If you saturate the color by 10%, you get $76.0829, -35.3256, 44.0502$, and if you desaturate by 10%, it is $77.3403, -29.7697, 39.4427$.

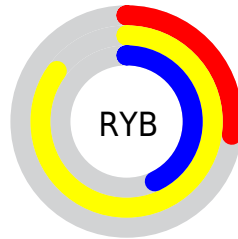
Distribution



Red (69%)

Green (85%)

Blue (27%)



Red (27%)

Yellow (85%)

Blue (43%)

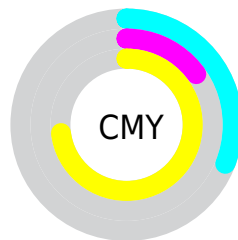


Cyan (19%)

Magenta (0%)

Yellow (68%)

Black (15%)



Cyan (31%)

Magenta (15%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.6707, -32.7465, 42.1901 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 76.6707, -32.7465, 42.1901 by changing the saturation by 10% instead.

■ 76.6707, -32.7465,
42.1901

■ 76.6707, -32.7465,
42.1901

204.9660,
-52.2978, 75.7762

■ 65.1470, -30.3651,
37.8072

■ 101.5221,
-37.3275, 50.4377

■ 54.2651, -27.8967,
33.2151

■ 114.7919,
-39.5464, 54.3470

■ 44.0673, -25.3187,
28.3872

■ 128.5942,
-41.7297, 58.1382

■ 34.6029, -22.5952,
23.4570

■ 142.9092,
-43.8838, 61.8264

■ 25.9340, -19.6720,
18.1538

■ 157.7193,
-46.0137, 65.4242

■ 18.1416, -16.4601,
12.6991

173.0082,

■ 11.3383, -14.1435,

-48.1238, 68.9426

7.9368

188.7616,
-50.2175, 72.3906

■ 3.6054, -6.3094,
2.5237

0.0000, NaN, NaN

■ 76.6707, -32.7465,
42.1901

■ 76.6707, -32.7465,
42.1901

■ 76.0829, -35.3256,
44.0502

■ 77.3403, -29.7697,
39.4427

■ 75.5661, -37.5269,
45.1022

■ 78.0909, -26.3732,
35.7500

■ 75.1129, -39.3989,
45.4766

■ 78.9273, -22.5513,
31.0749

■ 75.0094, -39.8234,
45.5233

■ 79.8517, -18.3029,
25.3961

■ 80.8657, -13.6324,
18.7061

■ 81.9699, -8.5488,
11.0092

■ 83.1647, -3.0650,
2.3198

■ 84.4496, 2.8030,
-7.3388

■ 85.4613, 7.1046,
-12.8502

Harmonies

Analogous

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



76.6724, -0.8723, 44.6683



76.6707, -32.7465, 42.1901



76.6724, -53.1705, 31.4628

Triad

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



76.6724, -32.7486, 42.1906



76.6724, -37.3670, -72.2479



76.6724, 75.9687, 1.0700

Complementary

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



76.6707, -32.7465, 42.1901



35.5733, 43.2077, -85.6074

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.



76.6724, 61.6278, -39.4395



76.6707, -32.7465, 42.1901



76.6724, -7.2656, -92.1114

Square

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



76.6724, -32.7486, 42.1906



76.6724, -55.4793, -31.6420



76.6724, 29.5024, -78.0001



76.6724, 65.8563, 28.2308

Rectangle

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



76.6707, -32.7465, 42.1901



76.6724, -59.6130, 17.0348



76.6724, 29.5024, -78.0001



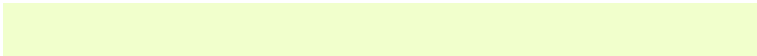
76.6724, 73.7969, -11.3924

Sweetspot

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



76.6724, -32.7486, 42.1906



97.2548, -17.9627, 24.7870



50.9568, 33.0371, 25.2350



44.8325, -9.0567, 12.5431

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.6724, -32.7486, 42.1906



91.5412, -43.7892, 53.7978



72.4595, -49.5014, 39.0408



37.8694, -4.4032, 5.7842



57.7555, -30.4455, 35.0556



14.3248, -6.9248, 8.7056

Inverse Universe

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



35.5733, 43.2077, -85.6074



35.1809, 65.0575, -136.6241



43.9051, 60.8374, -59.6160



34.8880, 0.6433, -2.1769



18.8002, 47.8047, -108.8476



5.0427, 12.1456, -23.9497

Previews

White Background



This preview shows how the HunterLab color 76.6707, -32.7465, 42.1901 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 76.6707, -32.7465, 42.1901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

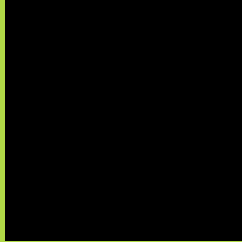
Any Text WCAG AA ✓ Pass

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 76.6707, -32.7465, 42.1901 Background



This preview shows how black text looks on a background with the HunterLab color 76.6707, -32.7465, 42.1901.



This preview shows how white text looks on a background with the HunterLab color 76.6707,

-32.7465, 42.1901.

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

76.6707, -32.7465, 42.1901

Protanopia

76.2720, -9.6237, 42.8233

Deuteranopia

76.2562, 5.7502, 41.3380



Tritanopia

76.5771, -4.0161, -4.2398

Trichromacy



Original Color

76.6707, -32.7465, 42.1901

Protanomaly

76.0350, -18.4595, 42.3885

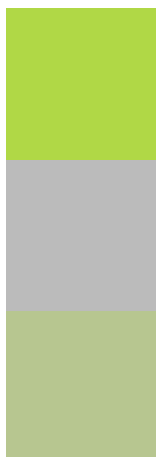
Deuteranomaly

75.8408, -9.4152, 41.2226

Tritanomaly

76.0728, -16.9621, 19.2053

Monochromacy



Original Color

76.6707, -32.7465, 42.1901

Achromatopsia

70.4935, -3.7614, 3.8300

Achromatomaly

72.4355, -16.4704, 22.7490

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.6707, -32.7465, 42.1901 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(176, 216, 70)` looks like.

```
.text, #text, p{  
    color:rgb(176, 216, 70)  
}
```

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(176, 216, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 216, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 76.6707, -32.7465, 42.1901 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(176, 216, 70) }
```


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

```
.border{ border-color:rgb(176, 216, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 216, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 216, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 216, 70);  
box-shadow:4px 4px 4px 4px rgb(176, 216,  
70) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.6707, -32.7465, 42.1901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 216, 70) }
```

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

```
.background{ background-color: rgb(176,  
216, 70) }
```

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