

# Converting Colors

HunterLab(76.7321, -32.6789,  
42.1814)

Have a look what the booklet for  
HunterLab(76.7321, -32.6789,  
42.1814) contains.

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# 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

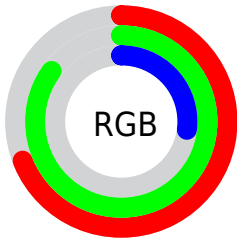
Format	Color
<a href="#">RYB</a>	<a href="#">70, 216, 110</a>
Decimal	<a href="#">11589702</a>
CIELab	<a href="#">81.17, -33.34, 64.60</a>
CIELCh	<a href="#">81, 72.697, 117.295</a>
Yxy	<a href="#">58.7866, 0.3717, 0.5016</a>
Android (android.graphics.Color)	<a href="#">4289779782</a> ( <a href="#">0xFFB0D846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

# Details

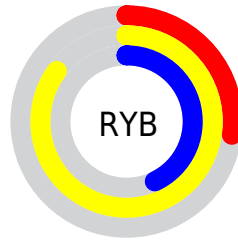
The HunterLab color  $76.6707, -32.7465, 42.1901$  is a light color, and the websafe version is hex  $99CC33$ . The color can be described as light muted chartreuse. A complement of this color would be  $35.5733, 43.2077, -85.6074$ , and the grayscale version is  $70.8906, -3.7825, 3.8516$ .

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  $77.3403, -29.7697, 39.4427$ .

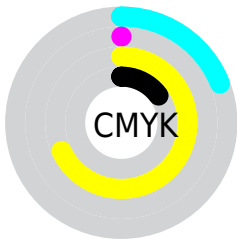
# Distribution



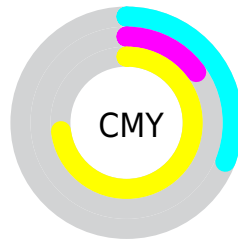
- Red (69%)
- Green (85%)
- Blue (27%)



- 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



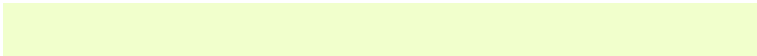
76.6724, 73.7969, -11.3924

# 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

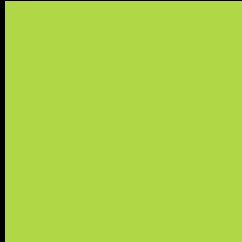
Any Text WCAG AA × Fail

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

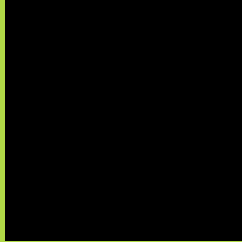
Any Text WCAG AA ✓ Pass

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.



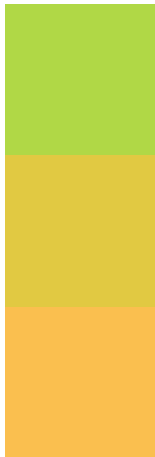
This preview shows how white text looks on a background with the HunterLab color 76.6707,

-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

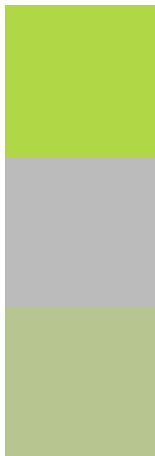
## Deuteranomaly

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](#).

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