

Converting Colors

HunterLab(76.5983, -9.4761,
42.7437)

Have a look what the booklet for
HunterLab(76.5983, -9.4761,
42.7437) contains.

HunterLab(76.6989, -9.6483, 42.8650)	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(76.6989, -9.6483,
42.8650)**

Conversions

Conversions Part 1

Format	Color
Hex	E2CA44
RGB	226, 202, 68
RGB Percent	89%, 79%, 27%
CMY	0.1137, 0.2078, 0.7333
CMYK	0.00, 0.11, 0.70, 0.11
HSL	51°, 73%, 58%
HSV	51°, 70%, 89%
XYZ	53.5280, 58.8272, 14.0025
YIQ	193.9000, 57.3180, -36.5860

Conversions

Conversions Part 2

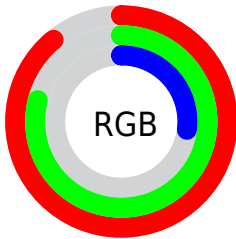
Format	Color
R_{YB}	96, 226, 68
Decimal	14862916
CIE _{Lab}	81.20, -6.05, 66.63
CIE _{LCh}	81, 66.903, 95.187
Yxy	58.8300, 0.4236, 0.4656
Android (android.graphics.Color)	4293052996 (0xFFE2CA44)
YUV	193.9000, -62.0687, 28.1517
Hunter-Lab	76.6989, -9.6483, 42.8650

Details

The HunterLab color **76.6989, -9.6483, 42.8650** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **37.9131, 27.5256, -88.6761**, and the grayscale version is **73.6459, -3.9296, 4.0013**.

A 20% lighter version of the original color is **97.0619, -21.6779, 47.9830**, and **54.2174, -7.5481, 33.2764** is the 20% darker color. If you saturate the color by 10%, you get **75.5065, -8.8027, 44.3910**, and if you desaturate by 10%, it is **77.9678, -10.1337, 40.4073**.

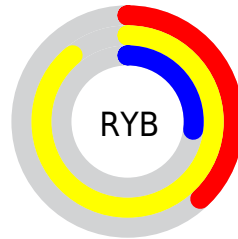
Distribution



Red (89%)

Green (79%)

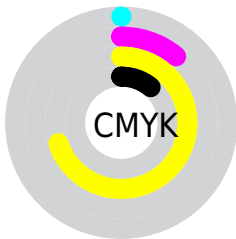
Blue (27%)



Red (38%)

Yellow (89%)

Blue (27%)

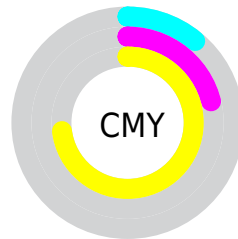


Cyan (0%)

Magenta (11%)

Yellow (70%)

Black (11%)



Cyan (11%)

Magenta (21%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.6989, -9.6483, 42.8650 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 76.6989, -9.6483, 42.8650 by changing the saturation by 10% instead.

■ 76.6989, -9.6483,
42.8650

■ 76.6989, -9.6483,
42.8650

205.0053,
-18.7121, 77.3659

■ 65.1738, -8.7334,
38.3581

■ 101.5532,
-11.5386, 51.3463

■ 54.2904, -7.8314,
33.6378

■ 114.8243,
-12.5089, 55.3650

■ 44.0908, -6.9436,
28.6799

■ 128.6278,
-13.4974, 59.2610

■ 34.6246, -6.0673,
23.7102

■ 142.9441,
-14.5041, 63.0498

■ 25.9537, -5.1977,
18.1676

■ 157.7553,
-15.5290, 66.7444

■ 18.1591, -4.3264,
12.7113

173.0453,

■ 11.3532, -3.4364,

-16.5721, 70.3558

7.9473

188.7998,
-17.6331, 73.8936

■ 3.6419, -6.3733,
2.5493

0.0000, NaN, NaN

■ 76.6989, -9.6483,
42.8650

■ 76.6989, -9.6483,
42.8650

■ 75.5065, -8.8027,
44.3910

■ 77.9678, -10.1337,
40.4073

■ 74.3799, -7.6203,
45.0611

■ 79.3113, -10.2285,
36.9680

■ 73.3083, -6.1759,
45.0594

■ 80.7335, -9.9226,
32.5214

■ 73.2987, -6.1624,
45.0584

■ 82.2356, -9.2094,
27.0581

■ 83.8182, -8.0875,
20.5819

■ 85.4812, -6.5601,
13.1073

■ 87.2240, -4.6339,
4.6572

■ 89.0455, -2.3184,
-4.7390

■ 90.3365, -2.9319,
-6.4797

Harmonies

Analogous

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



76.7007, 23.8579, 40.8537



76.6989, -9.6483, 42.8650



76.7007, -36.8157, 38.5484

Triad

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



76.7007, -9.6513, 42.8656



76.7007, -48.6862, -38.4620



76.7007, 61.0868, -25.1148

Complementary

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



76.6989, -9.6483, 42.8650



37.9131, 27.5256, -88.6761

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.



76.7007, 35.2337, -61.8256



76.6989, -9.6483, 42.8650



76.7007, -28.5447, -71.5146

Square

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



76.7007, -9.6513, 42.8656



76.7007, -56.8318, -1.3818



76.7007, 1.6207, -81.4787



76.7007, 68.3860, 9.3449

Rectangle

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



76.6989, -9.6483, 42.8650



76.7007, -48.8622, 30.9012



76.7007, 1.6207, -81.4787



76.7007, 54.0897, -37.9841

Sweetspot

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



76.7007, -9.6513, 42.8656



95.8848, -9.4574, 24.5776



45.9540, 57.3449, 15.5551



44.1245, -4.5552, 12.3611

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.7007, -9.6513, 42.8656



85.9721, -9.5078, 51.3750



79.8325, -37.8659, 44.4673



39.5680, -2.9961, 5.8883



55.4905, -4.8611, 34.1079



14.9387, -1.8102, 9.1735

Inverse Universe

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



37.9131, 27.5256, -88.6761



35.3493, 46.0019, -136.0945



36.9688, 49.4178, -91.7490



36.8478, -0.9307, -2.0705



19.7578, 39.6603, -110.3107



6.1389, 7.3632, -23.5681

Previews

White Background



This preview shows how the HunterLab color 76.6989, -9.6483, 42.8650 looks on a white background.

Color Contrast Check

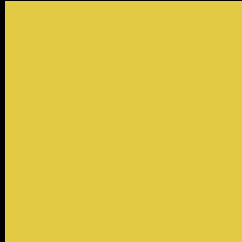
Large Text (above 18pt) WCAG AA × Fail

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 76.6989, -9.6483, 42.8650 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 76.6989, -9.6483, 42.8650 Background



This preview shows how black text looks on a background with the HunterLab color 76.6989, -9.6483, 42.8650.



This preview shows how white text looks on a background with the HunterLab color 76.6989, -9.6483,

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

76.6989, -9.6483, 42.8650

Protanopia

76.6989, -9.6483, 42.8650

Deuteranopia

76.7220, 5.7136, 42.6378



Tritanopia

76.6546, 14.9370, 3.3100

Trichromacy



Original Color

76.6989, -9.6483, 42.8650

Protanomaly

76.6989, -9.6483, 42.8650

Deuteranomaly

76.8046, 0.0153, 42.7251

Tritanomaly

76.3373, 3.9314, 23.0222

Monochromacy



Original Color

76.6989, -9.6483, 42.8650

Achromatopsia

73.4493, -3.9191, 3.9906

Achromatomaly

74.2916, -8.0372, 23.2779

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.6989, -9.6483, 42.8650 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(226, 202, 68)` looks like.

```
.text, #text, p{  
    color:rgb(226, 202, 68)  
}
```

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(226, 202, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 202, 68) }
```

Border

The CSS property to change the border of an element to HunterLab 76.6989, -9.6483, 42.8650 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(226, 202, 68) }
```


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

```
.border{ border-color:rgb(226, 202, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 202, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 202, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 202, 68);  
box-shadow:4px 4px 4px 4px rgb(226, 202,  
68) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.6989, -9.6483, 42.8650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 202, 68) }
```

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

```
.background{ background-color: rgb(226,  
202, 68) }
```

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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