

Converting Colors

HunterLab(76.1900, 8.2407,
43.0448)

Have a look what the booklet for
HunterLab(76.1900, 8.2407,
43.0448) contains.

HunterLab(76.1896, 8.2248, 43.0807)	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(76.1896, 8.2248,
43.0807)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBD42
RGB	255, 189, 66
RGB Percent	100%, 74%, 26%
CMY	0.0000, 0.2588, 0.7412
CMYK	0.00, 0.26, 0.74, 0.00
HSL	39°, 100%, 63%
HSV	39°, 74%, 100%
XYZ	60.4210, 58.0486, 13.1742
YIQ	194.7120, 78.8190, -24.2610

Conversions

Conversions Part 2

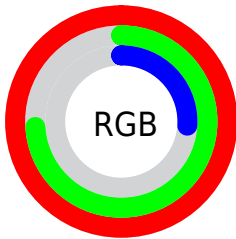
Format	Color
RYB	167, 255, 66
Decimal	16760130
CIELab	80.77, 12.82, 67.92
CIElCh	81, 69.117, 79.310
Yxy	58.0514, 0.4590, 0.4410
Android (android.graphics.Color)	4294950210 (0xFFFFBD42)
YUV	194.7120, -63.4550, 52.8726
Hunter-Lab	76.1896, 8.2248, 43.0807

Details

The HunterLab color **76.1896, 8.2248, 43.0807** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **49.8796, 14.8716, -81.4598**, and the grayscale version is **73.9895, -3.9479, 4.0200**.

A 20% lighter version of the original color is **93.7792, -16.8971, 46.0540**, and **53.9237, 8.4239, 33.3750** is the 20% darker color. If you saturate the color by 10%, you get **73.5531, 11.9728, 43.8780**, and if you desaturate by 10%, it is **78.9755, 4.9163, 41.2341**.

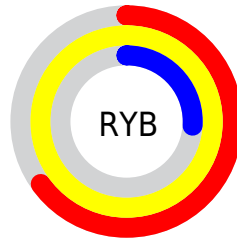
Distribution



Red (100%)

Green (74%)

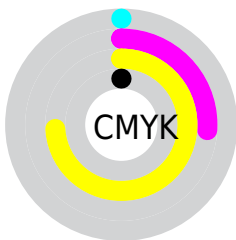
Blue (26%)



Red (65%)

Yellow (100%)

Blue (26%)

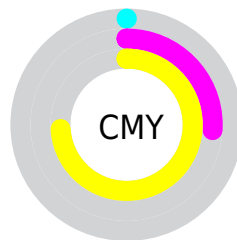


Cyan (0%)

Magenta (26%)

Yellow (74%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.1896, 8.2248, 43.0807 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 76.1896, 8.2248, 43.0807 by changing the saturation by 10% instead.

 76.1896, 8.2248,
43.0807


 76.1896, 8.2248,
43.0807

204.2982, 5.9140,
78.2085

 64.6916, 8.2238,
38.4862


 100.9939, 8.0366,
51.7253

 53.8367, 8.1585,
33.6748

 114.2416, 7.8645,
55.8196


 43.6676, 8.0170,
28.6243

 128.0226, 7.6441,
59.7877

 34.2343, 7.7883,
23.6769

 142.3172, 7.3787,
63.6452

 25.5993, 7.4579,
17.9195

 157.1074, 7.0708,
67.4054

 17.8446, 7.0052,
12.4912

172.3771, 6.7227,

 11.0846, 6.3999,

71.0798

7.7593

188.1119, 6.3365,
74.6780

■ 2.9147, 19.0121,
2.0403

0.0000, NaN, NaN

■ 76.1896, 8.2248,
43.0807

■ 76.1896, 8.2248,
43.0807

■ 73.5531, 11.9728,
43.8780

■ 78.9755, 4.9163,
41.2341

■ 71.0602, 16.1296,
43.6921

■ 81.9025, 2.0788,
38.3204

■ 69.6547, 18.7129,
43.2485

■ 84.9681, -0.2860,
34.3560

■ 88.1667, -2.1831,
29.3762

91.4926, -3.6246,
23.4282

94.9396, -4.6274,
16.5661

98.5015, -5.2117,
8.8464

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



76.1915, 42.5161, 37.4634



76.1896, 8.2248, 43.0807



76.1915, -24.1759, 42.2225

Triad

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



76.1915, 8.2211, 43.0814



76.1915, -55.7257, -18.9624



76.1915, 51.0349, -47.4410

Complementary

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



76.1896, 8.2248, 43.0807



49.8796, 14.8716, -81.4598

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.



76.1915, 18.3657, -79.0382



76.1896, 8.2248, 43.0807



76.1915, -41.6024, -58.2884

Square

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



76.1915, 8.2211, 43.0814



76.1915, -57.4912, 14.6377



76.1915, -15.6272, -83.6925



76.1915, 69.9166, -8.0859

Rectangle

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



76.1896, 8.2248, 43.0807



76.1915, -40.6556, 37.9046



76.1915, -15.6272, -83.6925



76.1915, 41.0640, -59.9313

Sweetspot

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



76.1915, 8.2211, 43.0814



92.2125, -3.8727, 22.0506



51.7946, 72.5881, 8.1350



42.2356, -1.6430, 11.0150

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.1915, 8.2211, 43.0814



72.3179, 13.9562, 43.9030



93.9079, -34.4924, 54.0072



44.6771, -2.2890, 6.0649



50.6383, 12.9579, 31.4299



16.4366, 2.8179, 10.1775

Inverse Universe

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



49.8796, 14.8716, -81.4598



42.4789, 25.7503, -105.4228



36.7631, 55.3541, -128.9562



42.9128, -2.2140, -1.5742



27.8581, 24.4574, -87.6167



9.7526, 5.0834, -23.1634

Previews

White Background



This preview shows how the HunterLab color 76.1896, 8.2248, 43.0807 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 76.1896, 8.2248, 43.0807 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 76.1896, 8.2248, 43.0807 Background



This preview shows how black text looks on a background with the HunterLab color 76.1896, 8.2248, 43.0807.



This preview shows how white text looks on a background with the HunterLab color 76.1896, 8.2248,

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

76.1896, 8.2248, 43.0807

Protanopia

76.2958, -9.4916, 42.4717

Deuteranopia

76.2578, 5.5156, 43.1980



Tritanopia

76.2322, 24.1277, 8.6103

Trichromacy



Original Color

76.1896, 8.2248, 43.0807

Protanomaly

76.2776, -3.3702, 42.6920

Deuteranomaly

76.0947, 6.4364, 43.1053

Tritanomaly

75.9054, 16.6546, 25.8227

Monochromacy



Original Color

76.1896, 8.2248, 43.0807

Achromatopsia

73.8732, -3.9417, 4.0137

Achromatomaly

74.1820, -2.2143, 23.2793

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.1896, 8.2248, 43.0807 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(255, 189, 66)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 66)  
}
```

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(255, 189, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 76.1896, 8.2248, 43.0807 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(255, 189, 66) }
```


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

```
.border{ border-color:rgb(255, 189, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 66);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
66) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.1896, 8.2248, 43.0807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 66) }
```

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

```
.background{ background-color: rgb(255,  
189, 66) }
```

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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