

Converting Colors

HunterLab(76.9050, 5.1465,
47.3798)

Have a look what the booklet for
HunterLab(76.9050, 5.1465,
47.3798) contains.

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Color

**HunterLab(76.7907, 5.3458,
47.3229)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC004
RGB	255, 192, 4
RGB Percent	100%, 75%, 2%
CMY	0.0000, 0.2470, 0.9842
CMYK	0.00, 0.25, 0.98, 0.00
HSL	45°, 100%, 51%
HSV	45°, 98%, 100%
XYZ	60.1116, 58.9681, 8.3287
YIQ	189.4050, 97.8960, -45.1120

Conversions

Conversions Part 2

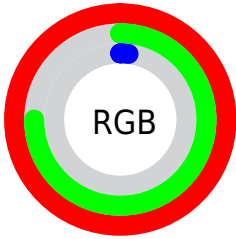
Format	Color
R _Y B	88, 255, 4
Decimal	16760836
CIE Lab	81.28, 9.90, 82.81
CIE LCh	81, 83.403, 83.186
Yxy	58.9711, 0.4718, 0.4628
Android (android.graphics.Color)	4294950916 (0xFFFFC004)
YUV	189.4050, -91.4047, 57.5268
Hunter-Lab	76.7907, 5.3458, 47.3229

Details

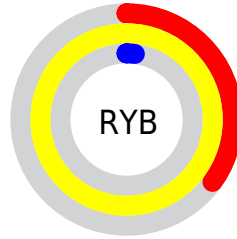
The HunterLab color **76.7907, 5.3458, 47.3229** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **33.5593, 48.2267, -145.6210**, and the grayscale version is **71.8535, -3.8339, 3.9039**.

A 20% lighter version of the original color is **94.3751, -20.4897, 52.2638**, and **54.5918, 6.5611, 33.7541** is the 20% darker color. If you saturate the color by 10%, you get **76.4984, 5.8269, 47.2400**, and if you desaturate by 10%, it is **78.6930, 2.3676, 47.6300**.

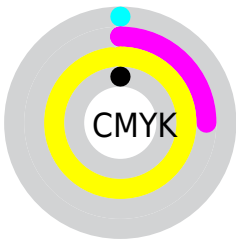
Distribution



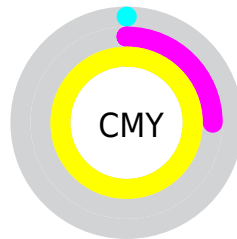
- Red (100%)
- Green (75%)
- Blue (2%)



- Red (35%)
- Yellow (100%)
- Blue (2%)



- Cyan (0%)
- Magenta (25%)
- Yellow (98%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.7907, 5.3458, 47.3229 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 76.7907, 5.3458, 47.3229 by changing the saturation by 10% instead.

 76.7907, 5.3458,
47.3229


 76.7907, 5.3458,
47.3229


205.1328, 1.9999,
89.1604


 65.2609, 5.4834,
41.8524


 101.6541, 4.8983,
57.6502

 54.3723, 5.5640,
36.1582


 114.9294, 4.6041,
62.5433


 44.1672, 5.5768,
30.3922


 128.7370, 4.2661,
67.2812

 34.6951, 5.5124,
24.2866

 143.0572, 3.8869,
71.8804

 26.0178, 5.3582,
18.2124

 157.8721, 3.4688,
76.3557

 18.2159, 5.0960,
12.7512

 173.1658, 3.0138,

 11.4019, 4.6981,

80.7202

7.9813

188.9238, 2.5237,
84.9851

■ 3.7580, 11.2730,
2.6306

0.0000, NaN, NaN

■ 76.7907, 5.3458,
47.3229

■ 76.7907, 5.3458,
47.3229

■ 76.4984, 5.8269,
47.2400

■ 78.6930, 2.3676,
47.6300

■ 80.6886, -0.2538,
47.0573

■ 82.7881, -2.4616,
45.4621

■ 84.9945, -4.2251,
42.7827

■ 87.3090, -5.5280,
38.9939

■ 89.7309, -6.3643,
34.0961

■ 92.2587, -6.7356,
28.1074

■ 94.8902, -6.6496,
21.0583

■ 97.6226, -6.1180,
12.9883

Harmonies

Analogous

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



76.7926, 48.2591, 42.9457



76.7907, 5.3458, 47.3229



76.7926, -32.3773, 45.8230

Triad

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



76.7926, 5.3420, 47.3235



76.7926, -63.2976, -31.0121



76.7926, 68.5797, -54.6545

Complementary

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



76.7907, 5.3458, 47.3229



33.5593, 48.2267, -145.6210

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.



76.7926, 28.9687, -99.6172



76.7907, 5.3458, 47.3229



76.7926, -45.3565, -81.7310

Square

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



76.7926, 5.3420, 47.3235



76.7926, -67.0558, 12.4472



76.7926, -13.1098, -111.4848



76.7926, 89.3471, -5.1226

Rectangle

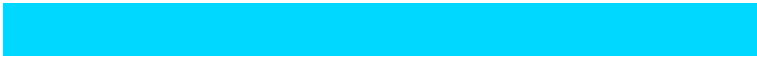
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.7907, 5.3458, 47.3229



76.7926, -50.3947, 40.9161



76.7926, -13.1098, -111.4848



76.7926, 56.6779, -71.6614

Sweetspot

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



76.7926, 5.3420, 47.3235



91.8530, -6.7077, 29.1242



46.6921, 80.4537, 22.6207



41.9996, -3.0427, 14.6701

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.7926, 5.3420, 47.3235



76.4987, 5.8270, 47.2401



91.2814, -45.0314, 55.3838



45.0257, -2.8669, 6.4355



55.5232, 3.8087, 34.2798



17.8188, 0.3209, 10.9855

Inverse Universe

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



33.5593, 48.2267, -145.6210



32.9956, 49.8240, -148.7974



28.8972, 73.6944, -175.0139



42.5657, -1.6344, -2.0061



24.2625, 34.7054, -105.2449



8.5903, 7.8994, -27.7896

Previews

White Background



This preview shows how the HunterLab color 76.7907, 5.3458, 47.3229 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 76.7907, 5.3458, 47.3229 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 76.7907, 5.3458, 47.3229 Background



This preview shows how black text looks on a background with the HunterLab color 76.7907, 5.3458, 47.3229.



This preview shows how white text looks on a background with the HunterLab color 76.7907, 5.3458,

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

76.7907, 5.3458, 47.3229

Protanopia

76.9659, -10.7749, 46.9174

Deuteranopia

76.8493, 5.6599, 46.4532



Tritanopia

76.8258, 23.3421, 8.3592

Trichromacy



Original Color

76.7907, 5.3458, 47.3229

Protanomaly

76.8413, -4.9945, 47.0403

Deuteranomaly

76.8202, 5.5039, 46.8850

Tritanomaly

76.0648, 13.5558, 31.9848

Monochromacy



Original Color

76.7907, 5.3458, 47.3229

Achromatopsia

71.3359, -3.8063, 3.8758

Achromatomaly

72.3728, -4.8940, 29.4261

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.7907, 5.3458, 47.3229 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, 192, 4)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 4)  
}
```

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, 192, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 4) }
```

Border

The CSS property to change the border of an element to HunterLab 76.7907, 5.3458, 47.3229 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, 192, 4) }
```


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

```
.border{ border-color:rgb(255, 192, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 4);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
4) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.7907, 5.3458, 47.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 4) }
```

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

```
.background{ background-color: rgb(255,  
192, 4) }
```

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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