

Converting Colors

HunterLab(77.3011, 4.3980,
47.7099)

Have a look what the booklet for
HunterLab(77.3011, 4.3980,
47.7099) contains.

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Color

**HunterLab(77.3586, 4.2956,
47.7432)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC200
RGB	255, 194, 0
RGB Percent	100%, 76%, 0%
CMY	0.0000, 0.2392, 0.9999
CMYK	0.00, 0.24, 1.00, 0.00
HSL	46°, 100%, 50%
HSV	46°, 100%, 100%
XYZ	60.5318, 59.8435, 8.3606
YIQ	190.1230, 98.6300, -47.4020

Conversions

Conversions Part 2

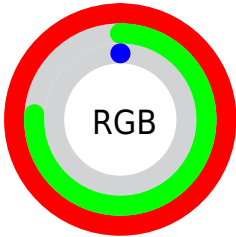
Format	Color
R _Y B	80, 255, 0
Decimal	16761344
CIE Lab	81.75, 8.83, 83.53
CIE LCh	82, 83.997, 83.967
Yxy	59.8465, 0.4702, 0.4649
Android (android.graphics.Color)	4294951424 (0xFFFC200)
YUV	190.1230, -93.7306, 56.8971
Hunter-Lab	77.3586, 4.2956, 47.7432

Details

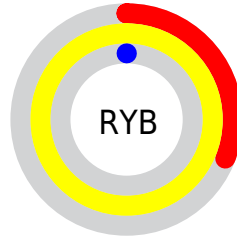
The HunterLab color **77.3586, 4.2956, 47.7432** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **32.4949, 51.4575, -151.6953**, and the grayscale version is **72.1658, -3.8506, 3.9209**.

A 20% lighter version of the original color is **95.0195, -21.5123, 52.8113**, and **55.1246, 5.5884, 34.0654** is the 20% darker color. If you saturate the color by 10%, you get **77.3589, 4.2944, 47.7434**, and if you desaturate by 10%, it is **79.1772, 1.4401, 48.1028**.

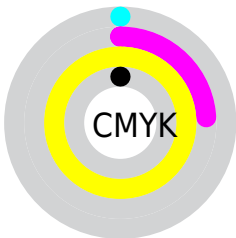
Distribution



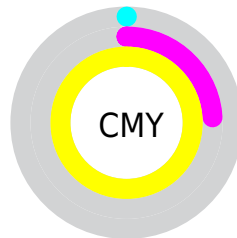
- Red (100%)
- Green (76%)
- Blue (0%)



- Red (31%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.3586, 4.2956, 47.7432 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 77.3586, 4.2956, 47.7432 by changing the saturation by 10% instead.

 77.3586, 4.2956,
47.7432

 77.3586, 4.2956,
47.7432

205.9203, 0.5599,
89.8465


 65.7989, 4.4858,
42.2421


 102.2776, 3.7500,
58.1323

 54.8786, 4.6219,
36.5181


 115.5788, 3.4098,
63.0561


 44.6398, 4.6936,
30.7185

 129.4114, 3.0275,
67.8243

 35.1313, 4.6922,
24.5919

 143.7556, 2.6055,
72.4532

 26.4142, 4.6061,
18.4899

 158.5939, 2.1460,
76.9578

 18.5682, 4.4183,
12.9977


 173.9102, 1.6508,

 11.7035, 4.1031,

81.3508

8.1925

189.6901, 1.1216,
85.6437

 4.4074, 8.4927,
3.0852


0.0000, NaN, NaN

 77.3586, 4.2956,
47.7432


 77.3586, 4.2956,
47.7432

 77.3589, 4.2944,
47.7434

 79.1772, 1.4401,
48.1028

 81.0809, -1.0861,
47.6505

 83.0838, -3.2078,
46.1921

 85.1899, -4.8912,
43.6553

■ 87.4010, -6.1171,
40.0069

■ 89.7172, -6.8771,
35.2404

■ 92.1374, -7.1709,
29.3682

■ 94.6599, -7.0043,
22.4165

■ 97.2824, -6.3876,
14.4212

Harmonies

Analogous

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



77.3605, 47.6678, 43.5272



77.3586, 4.2956, 47.7432



77.3605, -33.5043, 46.0857

Triad

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



77.3605, 4.2918, 47.7438



77.3605, -63.5849, -32.6746



77.3605, 70.1262, -53.8479

Complementary

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



77.3586, 4.2956, 47.7432



32.4949, 51.4575, -151.6953

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.



77.3605, 30.4043, -99.8080



77.3586, 4.2956, 47.7432



77.3605, -45.1024, -83.7761

Square

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



77.3605, 4.2918, 47.7438



77.3605, -67.7380, 11.6548



77.3605, -12.2100, -112.9245



77.3605, 90.4233, -4.0550

Rectangle

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



77.3586, 4.2956, 47.7432



77.3605, -51.4313, 40.9804



77.3605, -12.2100, -112.9245



77.3605, 58.2508, -71.1124

Sweetspot

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



77.3605, 4.2918, 47.7438



92.1356, -7.1709, 29.3741



46.5057, 80.4300, 23.9251



42.1482, -3.2864, 14.7967

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.3605, 4.2918, 47.7438



77.3592, 4.2945, 47.7436



90.9004, -46.5371, 55.1973



45.0677, -2.9361, 6.4800



56.1367, 2.7208, 34.6388



17.9908, 0.0241, 11.0863

Inverse Universe

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



32.4949, 51.4575, -151.6953



32.4919, 51.4668, -151.7141



28.8143, 74.3970, -175.6113



42.5242, -1.5647, -2.0580



23.8893, 35.8924, -107.3410



8.4620, 8.2406, -28.3660

Previews

White Background



This preview shows how the HunterLab color 77.3586, 4.2956, 47.7432 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 77.3586, 4.2956, 47.7432 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 77.3586, 4.2956, 47.7432 Background



This preview shows how black text looks on a background with the HunterLab color 77.3586, 4.2956, 47.7432.



This preview shows how white text looks on a background with the HunterLab color 77.3586, 4.2956,

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

77.3586, 4.2956, 47.7432

Protanopia

77.4841, -10.5093, 47.2700

Deuteranopia

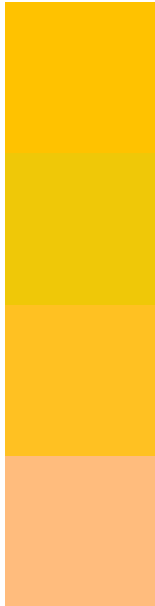
77.2379, 5.6975, 45.1079



Tritanopia

77.4232, 22.5587, 8.1096

Trichromacy



Original Color

77.3586, 4.2956, 47.7432

Protanomaly

77.2508, -5.1111, 47.3358

Deuteranomaly

77.1462, 5.2066, 46.4652

Tritanomaly

76.6206, 12.5077, 32.4187

Monochromacy



Original Color

77.3586, 4.2956, 47.7432

Achromatopsia

71.7578, -3.8288, 3.8987

Achromatomaly

72.7587, -5.1193, 30.0033

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.3586, 4.2956, 47.7432 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, 194, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 0)  
}
```

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, 194, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 77.3586, 4.2956, 47.7432 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, 194, 0) }
```


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

```
.border{ border-color:rgb(255, 194, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.3586, 4.2956, 47.7432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 0) }
```

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

```
.background{ background-color: rgb(255,  
194, 0) }
```

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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