

Converting Colors

HunterLab(76.9325, 5.0522,
47.4938)

Have a look what the booklet for
HunterLab(76.9325, 5.0522,
47.4938) contains.

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Color

**HunterLab(77.0713, 4.8052,
47.5751)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC100
RGB	255, 193, 0
RGB Percent	100%, 76%, 0%
CMY	0.0000, 0.2431, 0.9999
CMYK	0.00, 0.24, 1.00, 0.00
HSL	45°, 100%, 50%
HSV	45°, 100%, 100%
XYZ	60.3099, 59.3999, 8.2866
YIQ	189.5360, 98.9050, -46.8790

Conversions

Conversions Part 2

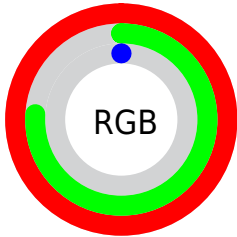
Format	Color
R_YB	82, 255, 0
Decimal	16761088
CIE Lab	81.51, 9.35, 83.37
CIE LCh	82, 83.888, 83.603
Yxy	59.4028, 0.4712, 0.4641
Android (android.graphics.Color)	4294951168 (0xFFFC100)
YUV	189.5360, -93.4412, 57.4119
Hunter-Lab	77.0713, 4.8052, 47.5751

Details

The HunterLab color **77.0713, 4.8052, 47.5751** 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 **32.6602, 50.9143, -150.7292**, and the grayscale version is **71.9166, -3.8373, 3.9074**.

A 20% lighter version of the original color is **94.6928, -21.0252, 52.6000**, and **54.8577, 6.0745, 33.9094** is the 20% darker color. If you saturate the color by 10%, you get **77.0716, 4.8040, 47.5753**, and if you desaturate by 10%, it is **78.9140, 1.8968, 47.9463**.

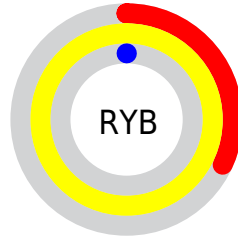
Distribution



Red (100%)

Green (76%)

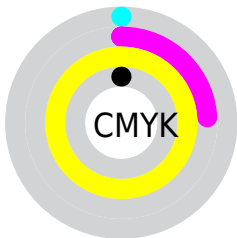
Blue (0%)



Red (32%)

Yellow (100%)

Blue (0%)

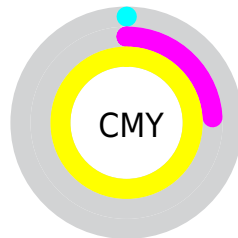


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.0713, 4.8052, 47.5751 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 77.0713, 4.8052, 47.5751 by changing the saturation by 10% instead.

 77.0713, 4.8052,
47.5751

 77.0713, 4.8052,
47.5751

205.5220, 1.2590,
89.6331

 65.5267, 4.9698,
42.0782


 101.9622, 4.3073,
57.9550

 54.6224, 5.0789,
36.3581


 115.2503, 3.9895,
62.8739


 44.4007, 5.1220,
30.5717


 129.0703, 3.6287,
67.6369

 34.9105, 5.0899,
24.4374

 143.4024, 3.2275,
72.2608

 26.2135, 4.9706,
18.3494

 158.2288, 2.7881,
76.7601

 18.3898, 4.7466,
12.8729


 173.5337, 2.3125,

 11.5507, 4.3910,


81.1479


8.0855


189.3025, 1.8022,
85.4356

 4.0920, 9.7336,
2.8644


0.0000, NaN, NaN


 77.0713, 4.8052,
47.5751


 77.0713, 4.8052,
47.5751

 77.0716, 4.8040,
47.5753

 78.9140, 1.8968,
47.9463

 80.8433, -0.6812,
47.5045

 82.8729, -2.8540,
46.0558

 85.0069, -4.5876,
43.5291

■ 87.2468, -5.8634,
39.8922

■ 89.5926, -6.6731,
35.1397

■ 92.0432, -7.0169,
29.2852

■ 94.5967, -6.9007,
22.3558

■ 97.2506, -6.3353,
14.3880

Harmonies

Analogous

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



77.0732, 48.0595, 43.2912



77.0713, 4.8052, 47.5751



77.0732, -33.0272, 45.9947

Triad

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



77.0732, 4.8014, 47.5757



77.0732, -63.5390, -31.9810



77.0732, 69.5709, -54.3736

Complementary

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



77.0713, 4.8052, 47.5751



32.6602, 50.9143, -150.7292

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.



77.0732, 29.8045, -100.0118



77.0713, 4.8052, 47.5751



77.0732, -45.2891, -83.0557

Square

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



77.0732, 4.8014, 47.5757



77.0732, -67.5109, 12.0402



77.0732, -12.6466, -112.5862



77.0732, 90.1422, -4.5721

Rectangle

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



77.0713, 4.8052, 47.5751



77.0732, -51.0215, 40.9881



77.0732, -12.6466, -112.5862



77.0732, 57.6531, -71.5701

Sweetspot

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



77.0732, 4.8014, 47.5757



92.0415, -7.0168, 29.2909



46.5057, 80.4300, 23.9251



42.0987, -3.2053, 14.7546

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.0732, 4.8014, 47.5757



77.0720, 4.8040, 47.5755



90.9004, -46.5372, 55.1973



45.0537, -2.9131, 6.4652



55.9319, 3.0825, 34.5190



17.9334, 0.1228, 11.0527

Inverse Universe

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



32.6602, 50.9143, -150.7292



32.6573, 50.9232, -150.7474



28.8142, 74.3970, -175.6117



42.5380, -1.5879, -2.0407



24.0120, 35.4992, -106.6455



8.5044, 8.1271, -28.1739

Previews

White Background



This preview shows how the HunterLab color 77.0713, 4.8052, 47.5751 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 77.0713, 4.8052, 47.5751 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 77.0713, 4.8052, 47.5751 Background



This preview shows how black text looks on a background with the HunterLab color 77.0713, 4.8052, 47.5751.



This preview shows how white text looks on a background with the HunterLab color 77.0713, 4.8052,

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

77.0713, 4.8052, 47.5751

Protanopia

77.0724, -10.3955, 46.9901

Deuteranopia

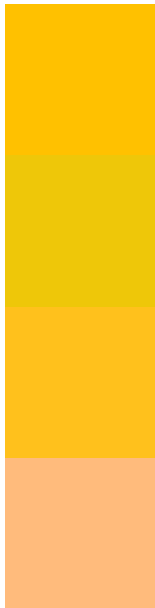
77.1892, 5.4369, 45.8285



Tritanopia

77.1240, 22.9501, 8.2342

Trichromacy



Original Color

77.0713, 4.8052, 47.5751

Protanomaly

76.8399, -5.0023, 47.0614

Deuteranomaly

77.1257, 5.0967, 46.7692

Tritanomaly

76.3255, 12.9441, 32.4453

Monochromacy



Original Color

77.0713, 4.8052, 47.5751

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 77.0713, 4.8052, 47.5751 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, 193, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 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, 193, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 77.0713, 4.8052, 47.5751 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, 193, 0) }
```


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

```
.border{ border-color:rgb(255, 193, 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, 193, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.0713, 4.8052, 47.5751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 0) }
```

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

```
.background{ background-color: rgb(255,  
193, 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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