

Converting Colors

HunterLab(77.1390, 5.1677,
46.5728)

Have a look what the booklet for
HunterLab(77.1390, 5.1677,
46.5728) contains.

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Color

**HunterLab(77.1390, 5.1677,
46.5728)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC120
RGB	255, 193, 32
RGB Percent	100%, 76%, 13%
CMY	0.0000, 0.2431, 0.8745
CMYK	0.00, 0.24, 0.87, 0.00
HSL	43°, 100%, 56%
HSV	43°, 87%, 100%
XYZ	60.5707, 59.5043, 9.6596
YIQ	193.1840, 88.6330, -36.9270

Conversions

Conversions Part 2

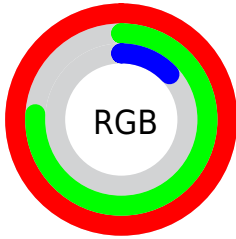
Format	Color
R _Y B	118, 255, 32
Decimal	16761120
CIE Lab	81.57, 9.72, 79.02
CIE LCh	82, 79.616, 82.989
Yxy	59.5072, 0.4669, 0.4587
Android (android.graphics.Color)	4294951200 (0xFFFFC120)
YUV	193.1840, -79.4637, 54.2126
Hunter-Lab	77.1390, 5.1677, 46.5728

Details

The HunterLab color **77.1390, 5.1677, 46.5728** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **39.4119, 33.6074, -117.4501**, and the grayscale version is **73.4048, -3.9167, 3.9882**.

A 20% lighter version of the original color is **94.7923, -20.4633, 51.1307**, and **54.8577, 6.0745, 33.9094** is the 20% darker color. If you saturate the color by 10%, you get **75.0715, 8.4759, 46.2595**, and if you desaturate by 10%, it is **79.3180, 2.2227, 45.9707**.

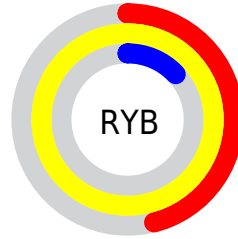
Distribution



Red (100%)

Green (76%)

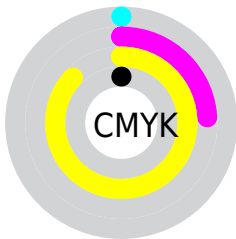
Blue (13%)



Red (46%)

Yellow (100%)

Blue (13%)

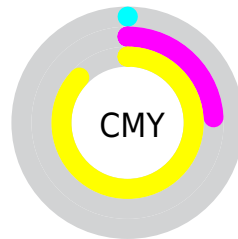


Cyan (0%)

Magenta (24%)

Yellow (87%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.1390, 5.1677, 46.5728 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 77.1390, 5.1677, 46.5728 by changing the saturation by 10% instead.

 77.1390, 5.1677,
46.5728

 77.1390, 5.1677,
46.5728

205.6159, 1.7493,
86.6557

 65.5908, 5.3153,
41.3288

 102.0365, 4.7018,
56.4612


 54.6828, 5.4065,
35.8600

 115.3277, 4.3990,
61.1453

 44.4570, 5.4305,
30.1975


 129.1507, 4.0527,
65.6816

 34.9625, 5.3783,
24.4738

 143.4856, 3.6656,
70.0866

 26.2608, 5.2375,
18.3825

 158.3149, 3.2398,
74.3747

 18.4318, 4.9901,
12.9023

 173.6224, 2.7774,

 11.5867, 4.6091,

78.5585

8.1107

189.3939, 2.2800,
82.6490

■ 4.1685, 9.9362,
2.9180

0.0000, NaN, NaN

■ 77.1390, 5.1677,
46.5728

■ 77.1390, 5.1677,
46.5728

■ 75.0715, 8.4759,
46.2595

■ 79.3180, 2.2227,
45.9707

■ 74.5558, 9.3536,
46.1047

■ 81.6088, -0.2952,
44.3348

■ 84.0152, -2.3621,
41.6157

■ 86.5369, -3.9646,
37.7990

89.1723, -5.0998,
32.8947

91.9186, -5.7721,
26.9293

94.7728, -5.9919,
19.9405

97.7312, -5.7733,
11.9731

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.



77.1409, 45.9160, 42.0099



77.1390, 5.1677, 46.5728



77.1409, -31.0558, 45.0494

Triad

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



77.1409, 5.1639, 46.5734



77.1409, -61.3134, -28.8341



77.1409, 64.6565, -51.6421

Complementary

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



77.1390, 5.1677, 46.5728



39.4119, 33.6074, -117.4501

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.



77.1409, 27.1079, -93.3700



77.1390, 5.1677, 46.5728



77.1409, -43.9585, -76.2866

Square

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



77.1409, 5.1639, 46.5734



77.1409, -64.8995, 12.3407



77.1409, -12.9850, -104.1052



77.1409, 84.3819, -4.9400

Rectangle

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



77.1390, 5.1677, 46.5728



77.1409, -48.5408, 40.0807



77.1409, -12.9850, -104.1052



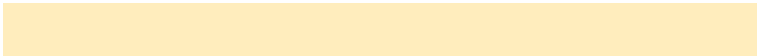
77.1409, 53.3844, -67.4937

Sweetspot

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



77.1409, 5.1639, 46.5734



92.3254, -5.8317, 25.9805



48.0865, 78.5510, 17.6010



42.2656, -2.6248, 13.0542

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.1409, 5.1639, 46.5734



74.5561, 9.3537, 46.1049



92.1107, -41.6946, 55.1482



44.9296, -2.7080, 6.3336



54.1379, 6.3123, 33.4700



17.4291, 1.0038, 10.7573

Inverse Universe

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



39.4119, 33.6074, -117.4501



34.2238, 45.9674, -142.0072



31.5803, 68.5325, -156.9595



42.6610, -1.7940, -1.8871



25.1678, 31.9321, -100.3899



8.8939, 7.1180, -26.4822

Previews

White Background



This preview shows how the HunterLab color 77.1390, 5.1677, 46.5728 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 77.1390, 5.1677, 46.5728 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 77.1390, 5.1677, 46.5728 Background



This preview shows how black text looks on a background with the HunterLab color 77.1390, 5.1677, 46.5728.



This preview shows how white text looks on a background with the HunterLab color 77.1390, 5.1677,

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

77.1390, 5.1677, 46.5728

Protanopia

77.1306, -10.0724, 46.1288

Deuteranopia

77.2097, 5.5463, 45.5260



Tritanopia

77.1240, 22.9501, 8.2342

Trichromacy



Original Color

77.1390, 5.1677, 46.5728

Protanomaly

76.9022, -4.6604, 46.1384

Deuteranomaly

77.1797, 5.3859, 45.9693

Tritanomaly

76.5364, 14.0508, 29.3635

Monochromacy



Original Color

77.1390, 5.1677, 46.5728

Achromatopsia

73.0258, -3.8965, 3.9676

Achromatomaly

73.7971, -4.1127, 27.2809

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.1390, 5.1677, 46.5728 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, 32)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 32)  
}
```

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, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 77.1390, 5.1677, 46.5728 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, 32) }
```


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

```
.border{ border-color:rgb(255, 193, 32) }
```

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, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 32);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
32) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.1390, 5.1677, 46.5728 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, 32) }
```

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

```
.background{ background-color: rgb(255,  
193, 32) }
```

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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