

Converting Colors

HunterLab(76.0481, 3.4122,
46.9186)

Have a look what the booklet for
HunterLab(76.0481, 3.4122,
46.9186) contains.

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Color

**HunterLab(76.1730, 3.2536,
46.9944)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC000
RGB	250, 192, 0
RGB Percent	98%, 75%, 0%
CMY	0.0196, 0.2470, 0.9999
CMYK	0.00, 0.23, 1.00, 0.02
HSL	46°, 100%, 49%
HSV	46°, 100%, 98%
XYZ	58.2740, 58.0233, 8.1282
YIQ	187.4540, 96.2000, -47.4160

Conversions

Conversions Part 2

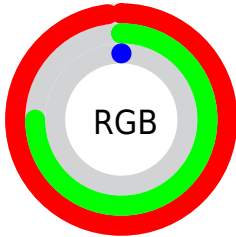
Format	Color
R _Y B	76, 250, 0
Decimal	16433152
CIE Lab	80.75, 7.73, 82.60
CIE LCh	81, 82.961, 84.655
Yxy	58.0261, 0.4683, 0.4663
Android (android.graphics.Color)	4294623232 (0xFFFA0000)
YUV	187.4540, -92.4148, 54.8528
Hunter-Lab	76.1730, 3.2536, 46.9944

Details

The HunterLab color **76.1730, 3.2536, 46.9944** 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 **31.5116, 51.1748, -149.8558**, and the grayscale version is **71.0351, -3.7903, 3.8595**.

A 20% lighter version of the original color is **94.3583, -20.5848, 52.5125**, and **53.9969, 4.5842, 33.3529** is the 20% darker color. If you saturate the color by 10%, you get **76.1734, 3.2524, 46.9946**, and if you desaturate by 10%, it is **77.9063, 0.5632, 47.3145**.

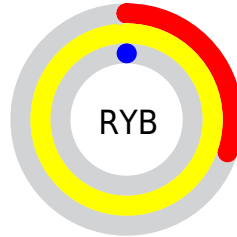
Distribution



Red (98%)

Green (75%)

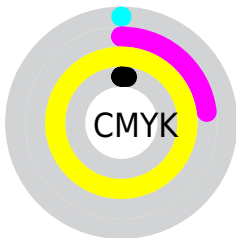
Blue (0%)



Red (30%)

Yellow (98%)

Blue (0%)

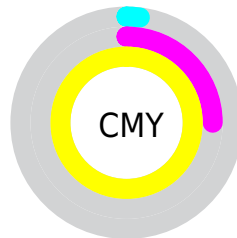


Cyan (0%)

Magenta (23%)

Yellow (100%)

Black (2%)



Cyan (2%)

Magenta (25%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.1730, 3.2536, 46.9944 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 76.1730, 3.2536, 46.9944 by changing the saturation by 10% instead.

76.1730, 3.2536,
46.9944

76.1730, 3.2536,
46.9944

204.2751, -0.8328,
88.7992

64.6759, 3.4903,
41.5247

100.9757, 2.6209,
57.3178

53.8219, 3.6750,
35.8310

114.2226, 2.2394,
62.2080

43.6538, 3.7978,
30.0918

128.0029, 1.8172,
66.9424

34.2216, 3.8504,
23.9551

142.2967, 1.3566,
71.5378

25.5877, 3.8216,
17.9114

157.0862, 0.8597,
76.0088

17.8344, 3.6950,
12.4841

172.3553, 0.3281,

11.0759, 3.4452,

80.3687

7.7531

188.0894, -0.2365,
84.6288

■ 2.8879, 11.5066,
2.0215

0.0000, NaN, NaN

■ 76.1730, 3.2536,
46.9944

■ 76.1730, 3.2536,
46.9944

■ 76.1734, 3.2524,
46.9946

■ 77.9063, 0.5632,
47.3145

■ 79.7202, -1.8077,
46.8454

■ 81.6288, -3.7853,
45.3952

■ 83.6362, -5.3363,
42.8919

■ 85.7443, -6.4416,
39.3014

■ 87.9535, -7.0926,
34.6155

■ 90.2631, -7.2883,
28.8444

■ 92.6715, -7.0338,
22.0119

■ 95.1766, -6.3386,
14.1517

Harmonies

Analogous

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



76.1749, 45.8805, 42.9979



76.1730, 3.2536, 46.9944



76.1749, -33.6462, 45.2288

Triad

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



76.1749, 3.2499, 46.9950



76.1749, -62.2550, -33.2479



76.1749, 69.6024, -51.6790

Complementary

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



76.1730, 3.2536, 46.9944



31.5116, 51.1748, -149.8558

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.



76.1749, 30.8487, -97.2120



76.1730, 3.2536, 46.9944



76.1749, -43.7486, -83.2581

Square

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



76.1749, 3.2499, 46.9950



76.1749, -66.6545, 10.6691



76.1749, -11.1208, -111.0438



76.1749, 88.9362, -3.0096

Rectangle

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



76.1730, 3.2536, 46.9944



76.1749, -51.0502, 40.0510



76.1749, -11.1208, -111.0438



76.1749, 58.0708, -68.6850

Sweetspot

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



76.1749, 3.2499, 46.9950



92.3089, -7.4544, 29.5271



45.4240, 78.4676, 24.0777



42.2394, -3.4355, 14.8743

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.1749, 3.2499, 46.9950



77.8902, 3.3578, 48.0543



88.5887, -46.6380, 53.7710



44.1224, -2.9134, 6.3593



55.6847, 2.0058, 34.3478



17.4117, -0.1929, 10.7256

Inverse Universe

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



31.5116, 51.1748, -149.8558



32.1934, 52.4583, -153.4815



28.4335, 72.9626, -169.7925



41.5889, -1.4913, -2.0353



23.3364, 35.9966, -106.8748



8.1148, 7.9589, -27.3239

Previews

White Background



This preview shows how the HunterLab color 76.1730, 3.2536, 46.9944 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 76.1730, 3.2536, 46.9944 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 76.1730, 3.2536, 46.9944 Background



This preview shows how black text looks on a background with the HunterLab color 76.1730, 3.2536, 46.9944.



This preview shows how white text looks on a background with the HunterLab color 76.1730, 3.2536,

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

76.1730, 3.2536, 46.9944

Protanopia

76.1388, -10.5758, 46.4347

Deuteranopia

76.1064, 6.0059, 46.7549



Tritanopia

76.2614, 24.2767, 8.1926

Trichromacy



Original Color

76.1730, 3.2536, 46.9944

Protanomaly

76.2023, -5.6931, 46.6771

Deuteranomaly

76.2624, 5.0509, 46.9247

Tritanomaly

75.5054, 13.0954, 32.0408

Monochromacy



Original Color

76.1730, 3.2536, 46.9944

Achromatopsia

70.4935, -3.7614, 3.8300

Achromatomaly

71.7138, -5.7612, 29.6597

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.1730, 3.2536, 46.9944 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(250, 192, 0)` looks like.

```
.text, #text, p{  
    color:rgb(250, 192, 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(250, 192, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 192, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 76.1730, 3.2536, 46.9944 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(250, 192, 0) }
```


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

```
.border{ border-color:rgb(250, 192, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 192, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 192, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 192, 0);  
box-shadow:4px 4px 4px 4px rgb(250, 192,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.1730, 3.2536, 46.9944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 192, 0) }
```

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

```
.background{ background-color: rgb(250,  
192, 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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