

Converting Colors

HunterLab(77.6035, -6.6835,
47.7019)

Have a look what the booklet for
HunterLab(77.6035, -6.6835,
47.7019) contains.

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Color

**HunterLab(77.6180, -6.9422,
47.7063)**

Conversions

Conversions Part 1

Format	Color
Hex	EDCA00
RGB	237, 202, 0
RGB Percent	93%, 79%, 0%
CMY	0.0706, 0.2078, 0.9999
CMYK	0.00, 0.15, 1.00, 0.07
HSL	51°, 100%, 46%
HSV	51°, 100%, 93%
XYZ	56.0455, 60.2455, 8.6747
YIQ	189.4370, 85.7020, -55.4020

Conversions

Conversions Part 2

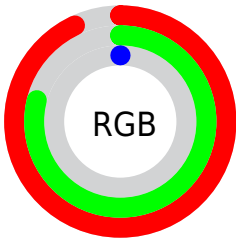
Format	Color
R _Y B	41, 237, 0
Decimal	15583744
CIE Lab	81.97, -3.01, 82.86
CIE LCh	82, 82.911, 92.083
Yxy	60.2485, 0.4485, 0.4821
Android (android.graphics.Color)	4293773824 (0xFFEDCA00)
YUV	189.4370, -93.3924, 41.7128
Hunter-Lab	77.6180, -6.9422, 47.7063

Details

The HunterLab color **77.6180, -6.9422, 47.7063** is a dark color, and the websafe version is hex **FFCC00**. The color can be described as middle washed yellow. A complement of this color would be **27.0511, 57.4980, -157.9299**, and the grayscale version is **71.8786, -3.8353, 3.9053**.

A 20% lighter version of the original color is **96.6705, -23.8930, 53.7499**, and **55.1452, -4.2703, 33.9054** is the 20% darker color. If you saturate the color by 10%, you get **77.6187, -6.9439, 47.7067**, and if you desaturate by 10%, it is **78.7238, -8.4343, 47.7220**.

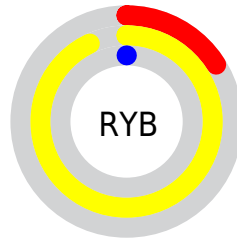
Distribution



Red (93%)

Green (79%)

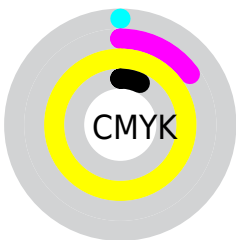
Blue (0%)



Red (16%)

Yellow (93%)

Blue (0%)

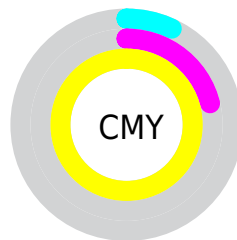


Cyan (0%)

Magenta (15%)

Yellow (100%)

Black (7%)



Cyan (7%)

Magenta (21%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.6180, -6.9422, 47.7063 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 77.6180, -6.9422, 47.7063 by changing the saturation by 10% instead.

■ 77.6180, -6.9422,
47.7063

■ 77.6180, -6.9422,
47.7063

206.2797,
-14.9090, 89.4777

■ 66.0446, -6.1784,
42.2485

■ 102.5622, -8.5539,
58.0115

■ 55.1099, -5.4366,
36.5676

■ 115.8753, -9.3942,
62.8955

■ 44.8558, -4.7205,
30.7751

■ 129.7192,
-10.2578, 67.6254

■ 35.3307, -4.0301,
24.7315

■ 144.0744,
-11.1443, 72.2177

■ 26.5956, -3.3651,
18.6169

■ 158.9233,
-12.0531, 76.6869

■ 18.7295, -2.7238,
13.1107

■ 174.2499,

■ 11.8419, -2.1019,

-12.9837, 81.0461

8.2894

190.0397,
-13.9359, 85.3064

■ 4.6736, -3.0599,
3.2715

0.0000, NaN, NaN

■ 77.6180, -6.9422,
47.7063

■ 77.6180, -6.9422,
47.7063

■ 77.6187, -6.9439,
47.7067

■ 78.7238, -8.4343,
47.7220

■ 79.8854, -9.6464,
47.0266

■ 81.1177, -10.5065,
45.4280

■ 82.4267, -10.9794,
42.8413

■ 83.8162, -11.0417,
39.2138

■ 85.2887, -10.6790,
34.5160

■ 86.8458, -9.8837,
28.7363

■ 88.4880, -8.6542,
21.8776

■ 90.2153, -6.9933,
13.9544

Harmonies

Analogous

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



77.6199, 35.6095, 45.2344



77.6180, -6.9422, 47.7063



77.6199, -41.1977, 44.3469

Triad

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



77.6199, -6.9455, 47.7069



77.6199, -59.5387, -46.0718



77.6199, 76.9713, -38.8670

Complementary

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



77.6180, -6.9422, 47.7063



27.0511, 57.4980, -157.9299

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.



77.6199, 41.4989, -87.8947



77.6180, -6.9422, 47.7063



77.6199, -37.2248, -93.3402

Square

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



77.6199, -6.9455, 47.7069



77.6199, -67.4457, 1.4945



77.6199, -1.3058, -111.5941



77.6199, 89.5713, 6.8599

Rectangle

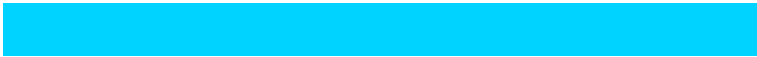
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.6180, -6.9422, 47.7063



77.6199, -56.3488, 37.2660



77.6199, -1.3058, -111.5941



77.6199, 67.0131, -56.1686

Sweetspot

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



77.6199, -6.9455, 47.7069



94.3492, -10.7544, 31.3152



42.5790, 73.2075, 25.2420



43.3139, -5.1702, 15.7813

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.6199, -6.9455, 47.7069



84.2995, -7.4716, 51.8141



82.1241, -48.9039, 49.7478



41.5040, -3.1681, 6.2071



57.4850, -5.3464, 35.3284



16.4258, -2.0081, 10.0863

Inverse Universe

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



27.0511, 57.4980, -157.9299



29.2989, 62.8503, -172.2968



28.1999, 69.9699, -149.8498



38.6106, -0.9469, -2.2105



20.2731, 41.4007, -114.7119



6.5863, 8.5608, -26.7126

Previews

White Background



This preview shows how the HunterLab color 77.6180, -6.9422, 47.7063 looks on a white background.

Color Contrast Check

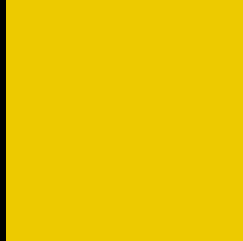
Large Text (above 18pt) WCAG AA × Fail

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 77.6180, -6.9422, 47.7063 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 77.6180, -6.9422, 47.7063 Background



This preview shows how black text looks on a background with the HunterLab color 77.6180, -6.9422, 47.7063.



This preview shows how white text looks on a background with the HunterLab color 77.6180, -6.9422,

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

77.6180, -6.9422, 47.7063

Protanopia

77.7824, -11.0426, 47.5826

Deuteranopia

77.5625, 5.3886, 44.7251



Tritanopia

77.5804, 19.2080, 5.4374

Trichromacy



Original Color

77.6180, -6.9422, 47.7063

Protanomaly

77.7934, -9.4362, 47.6832

Deuteranomaly

77.4783, 0.4046, 46.3456

Tritanomaly

76.7841, 5.9017, 31.3803

Monochromacy



Original Color

77.6180, -6.9422, 47.7063

Achromatopsia

71.3359, -3.8063, 3.8758

Achromatomaly

72.8433, -9.5212, 30.2559

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.6180, -6.9422, 47.7063 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(237, 202, 0)` looks like.

```
.text, #text, p{  
    color:rgb(237, 202, 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(237, 202, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 202, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 77.6180, -6.9422, 47.7063 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(237, 202, 0) }
```


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

```
.border{ border-color:rgb(237, 202, 0) }
```

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

Here you see how a box with a 4 pixel rgb(237, 202, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 202, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 202, 0);  
box-shadow:4px 4px 4px 4px rgb(237, 202,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.6180, -6.9422, 47.7063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 202, 0) }
```

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

```
.background{ background-color: rgb(237,  
202, 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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