

# Converting Colors

HunterLab(71.7214, 11.2608,  
44.3915)

Have a look what the booklet for  
HunterLab(71.7214, 11.2608,  
44.3915) contains.

<b>HunterLab(71.6761, 11.4118, 44.3663)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(71.6761, 11.4118,  
44.3663)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAB000
RGB	250, 176, 0
RGB Percent	98%, 69%, 0%
CMY	0.0196, 0.3098, 0.9999
CMYK	0.00, 0.30, 1.00, 0.02
HSL	42°, 100%, 49%
HSV	42°, 100%, 98%
XYZ	54.9497, 51.3746, 7.0201
YIQ	178.0620, 100.6000, -39.0480

# Conversions

## Conversions Part 2

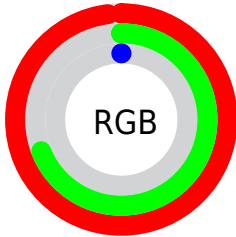
Format	Color
<a href="#">RYB</a>	<a href="#">105, 250, 0</a>
Decimal	<a href="#">16429056</a>
<a href="#">CIELab</a>	<a href="#">76.91, 16.07, 79.98</a>
<a href="#">CIELCh</a>	<a href="#">77, 81.582, 78.639</a>
<a href="#">Yxy</a>	<a href="#">51.3772, 0.4848, 0.4533</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294619136 (0xFFFA0000)</a>
<a href="#">YUV</a>	<a href="#">178.0620, -87.7846, 63.0896</a>
<a href="#">Hunter-Lab</a>	<a href="#">71.6761, 11.4118, 44.3663</a>

# Details

The HunterLab color **71.6761, 11.4118, 44.3663** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle saturated orange. A complement of this color would be **34.3525, 42.2718, -134.1885**, and the grayscale version is **67.0762, -3.5790, 3.6444**.

A 20% lighter version of the original color is **88.8853, -12.3618, 49.3616**, and **50.1066, 11.8710, 31.0832** is the 20% darker color. If you saturate the color by 10%, you get **71.6766, 11.4104, 44.3665**, and if you desaturate by 10%, it is **73.7760, 7.8762, 44.8585**.

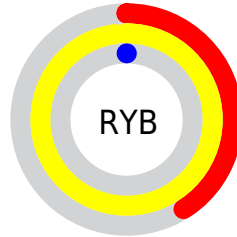
# Distribution



Red (98%)

Green (69%)

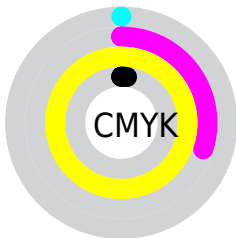
Blue (0%)



Red (41%)

Yellow (98%)

Blue (0%)

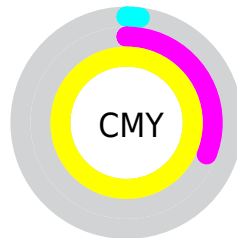


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (2%)



Cyan (2%)

Magenta (31%)


Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.6761, 11.4118, 44.3663 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 71.6761, 11.4118, 44.3663 by changing the saturation by 10% instead.




 71.6761, 11.4118,  
44.3663


 71.6761, 11.4118,  
44.3663


197.9969, 10.3892,  
85.4528


 60.4226, 11.2347,  
38.9629


 96.0272, 11.5500,  
54.5437


 49.8272, 10.9830,  
33.3315

 109.0631, 11.5305,  
59.3558


 39.9357, 10.6426,  
27.8626


 122.6407, 11.4568,  
64.0098

 30.8022, 10.2002,  
21.5616

 136.7392, 11.3327,  
68.5232

 22.4960, 9.6378,  
15.7472

 151.3401, 11.1612,  
72.9116

 15.1093, 8.9310,  
10.5765

 166.4265, 10.9453,

 8.7444, 8.1858,

77.1883

6.1211

181.9834, 10.6873,  
81.3653

0.0000, INF, NaN

0.0000, NaN, NaN

■ 71.6761, 11.4118,  
44.3663

■ 71.6761, 11.4118,  
44.3663

■ 71.6766, 11.4104,  
44.3665

■ 73.7760, 7.8762,  
44.8585

■ 75.9812, 4.6732,  
44.5449

■ 78.3036, 1.8774,  
43.2407

■ 80.7448, -0.4804,  
40.8901

■ 83.3044, -2.3851,

37.4772

■ 85.9801, -3.8328,  
33.0115

■ 88.7689, -4.8277,  
27.5201

■ 91.6671, -5.3799,  
21.0411

■ 94.6708, -5.5039,  
13.6200

# Harmonies

## Analogous

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



71.6779, 52.1923, 39.2667



71.6761, 11.4118, 44.3663



71.6779, -26.0690, 43.7650

# Triad

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



71.6779, 11.4080, 44.3669



71.6779, -61.5330, -22.5722



71.6779, 60.9193, -60.3050

# Complementary

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



71.6761, 11.4118, 44.3663



34.3525, 42.2718, -134.1885

# 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.



71.6779, 21.5054, -100.6220



71.6761, 11.4118, 44.3663



71.6779, -46.6260, -72.0331

# Square

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



71.6779, 11.4080, 44.3669



71.6779, -63.1099, 16.4786



71.6779, -17.8896, -105.7854



71.6779, 84.5601, -11.4700



# Rectangle

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



71.6761, 11.4118, 44.3663



71.6779, -44.5830, 40.0700



71.6779, -17.8896, -105.7854



71.6779, 48.7328, -76.2049

# Sweetspot

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



71.6779, 11.4080, 44.3669



90.7793, -4.9346, 28.1700



45.6425, 79.2754, 20.8629



41.4354, -2.1098, 14.1868

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



71.6779, 11.4080, 44.3669



73.2872, 11.7107, 45.3642



89.8056, -41.8664, 54.6045



43.9001, -2.5459, 6.1235



52.4534, 7.8417, 32.4588



16.5301, 1.3491, 10.2094



# Inverse Universe

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



34.3525, 42.2718, -134.1885



35.0958, 43.3483, -137.4433



27.5334, 72.2157, -176.5258



41.8094, -1.8605, -1.7602



25.4465, 29.5429, -95.5805



8.8058, 6.1959, -24.3817



# Previews

## White Background



This preview shows how the HunterLab color 71.6761, 11.4118, 44.3663 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 71.6761, 11.4118, 44.3663 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 71.6761, 11.4118, 44.3663 Background



This preview shows how black text looks on a background with the HunterLab color 71.6761, 11.4118, 44.3663.



This preview shows how white text looks on a background with the HunterLab color 71.6761, 11.4118,



# 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

71.6761, 11.4118, 44.3663

### Protanopia

71.9327, -9.8943, 43.7789

### Deuteranopia

71.6542, 5.6308, 44.2516



## Tritanopia

71.6551, 30.6233, 10.2725

# Trichromacy



## Original Color

71.6761, 11.4118, 44.3663

## Protanomaly

71.8566, -2.5156, 43.9967

## Deuteranomaly

71.7449, 7.3752, 44.3380

## Tritanomaly

71.0288, 20.6449, 31.0882

# Monochromacy



## Original Color

71.6761, 11.4118, 44.3663

## Achromatopsia

66.7234, -3.5602, 3.6252

## Achromatomaly

67.4343, -2.5878, 27.7715

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.6761, 11.4118, 44.3663 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, 176, 0)` looks like.

```
.text, #text, p{  
    color:rgb(250, 176, 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, 176, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 176, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.6761, 11.4118, 44.3663 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, 176, 0) }
```



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

```
.border{ border-color:rgb(250, 176, 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, 176, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 176, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 176, 0);  
box-shadow:4px 4px 4px 4px rgb(250, 176,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 71.6761, 11.4118, 44.3663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 176, 0) }
```

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

```
.background{ background-color: rgb(250,  
176, 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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