

# Converting Colors

HunterLab(72.3864, 3.2655,  
44.2630)

Have a look what the booklet for  
HunterLab(72.3864, 3.2655,  
44.2630) contains.

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# Color

**HunterLab(72.2877, 3.4400,  
44.2015)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFB710
RGB	239, 183, 16
RGB Percent	94%, 72%, 6%
CMY	0.0627, 0.2823, 0.9372
CMYK	0.00, 0.23, 0.93, 0.06
HSL	45°, 87%, 50%
HSV	45°, 93%, 94%
XYZ	52.6236, 52.2551, 7.8029
YIQ	180.7060, 86.9830, -40.0650

# Conversions

## Conversions Part 2

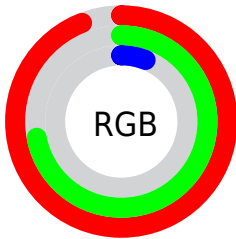
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	91, 239, 16
Decimal	15709968
CIE Lab	77.43, 7.83, 78.02
CIE LCh	77, 78.410, 84.266
Yxy	52.2577, 0.4670, 0.4637
Android (android.graphics.Color)	4293900048 (0xFFEFB710)
YUV	180.7060, -81.2001, 51.1238
Hunter-Lab	72.2877, 3.4400, 44.2015

# Details

The HunterLab color **72.2877, 3.4400, 44.2015** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **33.1328, 39.5921, -125.0194**, and the grayscale version is **68.1583, -3.6368, 3.7032**.

A 20% lighter version of the original color is **91.4774, -16.0270, 50.2432**, and **50.6928, 4.5166, 31.3157** is the 20% darker color. If you saturate the color by 10%, you get **71.1230, 5.3217, 43.9189**, and if you desaturate by 10%, it is **74.0958, 0.8476, 44.0721**.

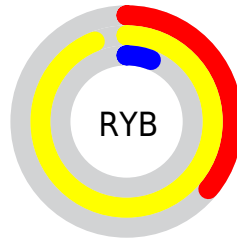
# Distribution



Red (94%)

Green (72%)

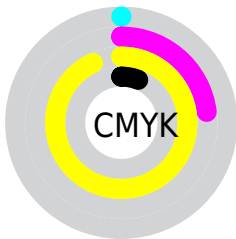
Blue (6%)



Red (36%)

Yellow (94%)

Blue (6%)

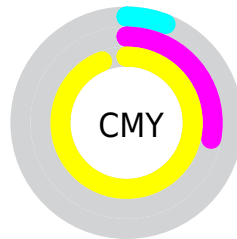


Cyan (0%)

Magenta (23%)

Yellow (93%)

Black (6%)



Cyan (6%)

Magenta (28%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.2877, 3.4400, 44.2015 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 72.2877, 3.4400, 44.2015 by changing the saturation by 10% instead.



 72.2877, 3.4400,  
44.2015


 72.2877, 3.4400,  
44.2015

198.8544, -0.4926,  
84.3184

 61.0004, 3.6539,  
38.9255

 96.7012, 2.8485,  
54.1328

 50.3692, 3.8134,  
33.4200


 109.7662, 2.4856,  
58.8285


 40.4393, 3.9082,  
27.9214

 123.3719, 2.0810,  
63.3708

 31.2642, 3.9291,  
21.8850

 137.4973, 1.6371,  
67.7771

 22.9123, 3.8633,  
16.0386

 152.1242, 1.1560,  
72.0626

 15.4742, 3.6920,  
10.8320

 167.2358, 0.6396,

 9.0723, 3.4159,

76.2406

6.3506

182.8172, 0.0896,  
80.3225

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.2877, 3.4400,  
44.2015

■ 72.2877, 3.4400,  
44.2015

■ 71.1230, 5.3217,  
43.9189

■ 74.0958, 0.8476,  
44.0721

■ 75.9954, -1.3787,  
43.0412

■ 77.9928, -3.2062,  
41.0312

■ 80.0895, -4.6144,  
38.0051

■ 82.2859, -5.5937,

33.9533

■ 84.5807, -6.1424,  
28.8855

■ 86.9723, -6.2654,  
22.8249

■ 89.4582, -5.9716,  
15.8042

■ 92.0358, -5.2737,  
7.8627

# Harmonies

## Analogous

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



72.2895, 42.9129, 40.2733



72.2877, 3.4400, 44.2015



72.2895, -31.0079, 42.5697

# Triad

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



72.2895, 3.4365, 44.2021



72.2895, -58.2613, -30.0455



72.2895, 63.9609, -48.2482

# Complementary

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



72.2877, 3.4400, 44.2015



33.1328, 39.5921, -125.0194

# 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.



72.2895, 27.9968, -89.8318



72.2877, 3.4400, 44.2015



72.2895, -41.1209, -76.1128

# Square

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



72.2895, 3.4365, 44.2021



72.2895, -62.2213, 10.4178



72.2895, -10.8802, -102.0058



72.2895, 82.1142, -3.2103



# Rectangle

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



72.2877, 3.4400, 44.2015



72.2895, -47.3742, 37.7008



72.2895, -10.8802, -102.0058



72.2895, 53.2413, -63.8489

# Sweetspot

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



72.2895, 3.4365, 44.2021



92.3653, -6.7370, 27.8292



43.8590, 74.1091, 19.2084



42.2207, -3.0725, 14.1407

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



72.2895, 3.4365, 44.2021



76.4904, 5.8418, 47.2353



85.0476, -40.8573, 51.3485



42.1279, -2.6795, 5.9981



53.0792, 3.5862, 32.7699



15.8129, 0.1518, 9.7465



# Inverse Universe

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



33.1328, 39.5921, -125.0194



33.0006, 49.8080, -148.7689



27.9884, 66.7897, -154.5728



39.8417, -1.5350, -1.8488



23.2507, 32.9419, -100.1735



7.7648, 6.5141, -23.7675



# Previews

## White Background



This preview shows how the HunterLab color 72.2877, 3.4400, 44.2015 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 72.2877, 3.4400, 44.2015 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 72.2877, 3.4400, 44.2015 Background



This preview shows how black text looks on a background with the HunterLab color 72.2877, 3.4400, 44.2015.



This preview shows how white text looks on a background with the HunterLab color 72.2877, 3.4400,



# 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

72.2877, 3.4400, 44.2015

### Protanopia

72.3524, -9.9361, 43.8669

### Deuteranopia

72.3718, 5.1925, 44.2173



## Tritanopia

72.1975, 26.0357, 8.1531

# Trichromacy



## Original Color

72.2877, 3.4400, 44.2015

## Protanomaly

72.3115, -5.4519, 43.9574

## Deuteranomaly

72.2476, 4.7711, 44.1669

## Tritanomaly

71.7479, 15.0039, 29.2580

# Monochromacy



## Original Color

72.2877, 3.4400, 44.2015

## Achromatopsia

67.9762, -3.6270, 3.6933

## Achromatomaly

68.8425, -4.9975, 26.7538

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 72.2877, 3.4400, 44.2015 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(239, 183, 16)` looks like.

```
.text, #text, p{  
    color:rgb(239, 183, 16)  
}
```

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(239, 183, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 183, 16) }
```

## Border

The CSS property to change the border of an element to HunterLab 72.2877, 3.4400, 44.2015 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(239, 183, 16) }
```



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

```
.border{ border-color:rgb(239, 183, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 183, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 183, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 183, 16);  
box-shadow:4px 4px 4px 4px rgb(239, 183,  
16) }
```

# Background

The CSS property to change the background color of an element to HunterLab 72.2877, 3.4400, 44.2015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 183, 16) }
```

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

```
.background{ background-color: rgb(239,  
183, 16) }
```

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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