

Converting Colors

HunterLab(72.5661, -0.4757,
44.7066)

Have a look what the booklet for
HunterLab(72.5661, -0.4757,
44.7066) contains.

HunterLab(72.5329, -0.2167, 44.6906)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(72.5329, -0.2167,
44.6906)**

Conversions

Conversions Part 1

Format	Color
Hex	EABA00
RGB	234, 186, 0
RGB Percent	92%, 73%, 0%
CMY	0.0824, 0.2706, 0.9999
CMYK	0.00, 0.21, 1.00, 0.08
HSL	48°, 100%, 46%
HSV	48°, 100%, 92%
XYZ	51.4906, 52.6102, 7.4410
YIQ	179.1480, 88.3140, -47.6700

Conversions

Conversions Part 2

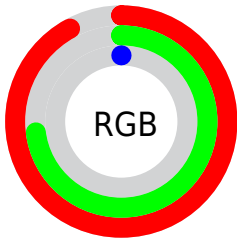
Format	Color
RYB	60, 234, 0
Decimal	15383040
CIELab	77.65, 3.96, 79.69
CIELCh	78, 79.784, 87.158
Yxy	52.6128, 0.4616, 0.4717
Android (android.graphics.Color)	4293573120 (0xFFEABA00)
YUV	179.1480, -88.3200, 48.1052
Hunter-Lab	72.5329, -0.2167, 44.6906

Details

The HunterLab color **72.5329, -0.2167, 44.6906** 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 **28.3826, 50.3831, -144.2357**, and the grayscale version is **67.5356, -3.6035, 3.6693**.

A 20% lighter version of the original color is **92.3978, -17.7429, 51.5021**, and **50.6550, 1.6384, 31.2421** is the 20% darker color. If you saturate the color by 10%, you get **72.5333, -0.2180, 44.6909**, and if you desaturate by 10%, it is **73.9817, -2.3666, 44.8782**.

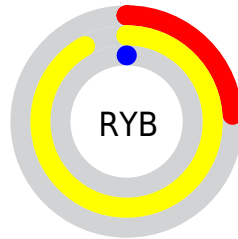
Distribution



Red (92%)

Green (73%)

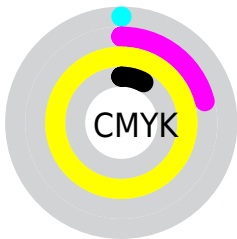
Blue (0%)



Red (24%)

Yellow (92%)

Blue (0%)

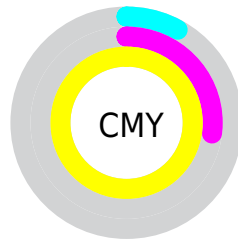


Cyan (0%)

Magenta (21%)

Yellow (100%)

Black (8%)



Cyan (8%)

Magenta (27%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.5329, -0.2167, 44.6906 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 72.5329, -0.2167, 44.6906 by changing the saturation by 10% instead.

72.5329, -0.2167,
44.6906

72.5329, -0.2167,
44.6906

199.1979, -5.5467,
85.5485

61.2322, 0.1871,
39.3211

96.9713, -1.1608,
54.8048

50.5866, 0.5472,
33.7236

110.0480, -1.6889,
59.5883

40.6413, 0.8557,
28.1978

123.6648, -2.2525,
64.2156

31.4497, 1.1061,
22.0148

137.8011, -2.8498,
68.7042

23.0795, 1.2900,
16.1557

152.4383, -3.4792,
73.0692

15.6210, 1.3943,
10.9347

167.5600, -4.1392,

9.2002, 1.4096,

77.3241

6.4402

183.1511, -4.8288,
81.4804

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.5329, -0.2167,
44.6906

■ 72.5329, -0.2167,
44.6906

■ 72.5333, -0.2180,
44.6909

■ 73.9817, -2.3666,
44.8782

■ 75.4972, -4.2290,
44.3498

■ 77.0934, -5.7336,
42.9197

■ 78.7747, -6.8489,
40.5172

■ 80.5437, -7.5559,

37.1048

■ 82.4013, -7.8448,
32.6683

■ 84.3476, -7.7127,
27.2109

■ 86.3820, -7.1625,
20.7486

■ 88.5031, -6.2010,
13.3074

Harmonies

Analogous

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



72.5347, 40.0948, 41.4076



72.5329, -0.2167, 44.6906



72.5347, -34.2672, 42.5363

Triad

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



72.5347, -0.2201, 44.6912



72.5347, -58.0525, -35.4201



72.5347, 68.1799, -44.6886

Complementary

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



72.5329, -0.2167, 44.6906



28.3826, 50.3831, -144.2357

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.



72.5347, 32.5289, -88.9510



72.5329, -0.2167, 44.6906



72.5347, -39.3586, -81.9373

Square

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



72.5347, -0.2201, 44.6912



72.5347, -63.3155, 7.3068



72.5347, -7.4573, -105.2301



72.5347, 84.3436, 0.4210

Rectangle

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



72.5329, -0.2167, 44.6906



72.5347, -49.9998, 37.0664



72.5347, -7.4573, -105.2301



72.5347, 57.7604, -60.8909

Sweetspot

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



72.5347, -0.2201, 44.6912



92.9561, -8.5085, 30.0969



42.1062, 72.6669, 22.8535



42.5800, -3.9898, 15.1632

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.5347, -0.2201, 44.6912



79.8924, -0.1172, 49.2273



81.9376, -44.2511, 49.7144



41.3179, -2.8626, 6.0108



54.5437, -0.4544, 33.6016



15.7106, -0.8451, 9.6660

Inverse Universe

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



28.3826, 50.3831, -144.2357



31.1501, 56.0345, -159.8974



26.6649, 67.9374, -155.4614



38.7935, -1.2553, -1.9807



21.6099, 36.6179, -106.0581



7.0789, 7.1496, -24.2819

Previews

White Background



This preview shows how the HunterLab color 72.5329, -0.2167, 44.6906 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 72.5329, -0.2167, 44.6906 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 72.5329, -0.2167, 44.6906 Background



This preview shows how black text looks on a background with the HunterLab color 72.5329, -0.2167, 44.6906.



This preview shows how white text looks on a background with the HunterLab color 72.5329, -0.2167,

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

72.5329, -0.2167, 44.6906

Protanopia

72.7432, -10.1407, 44.3885

Deuteranopia

72.4880, 5.5690, 44.3946



Tritanopia

72.5709, 23.3224, 7.1732

Trichromacy



Original Color

72.5329, -0.2167, 44.6906

Protanomaly

72.4777, -6.4452, 44.3832

Deuteranomaly

72.3976, 3.7896, 44.4422

Tritanomaly

71.8847, 11.0866, 30.3525

Monochromacy



Original Color

72.5329, -0.2167, 44.6906

Achromatopsia

67.1406, -3.5825, 3.6479

Achromatomaly

68.4200, -6.7221, 28.2471

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.5329, -0.2167, 44.6906 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(234, 186, 0)` looks like.

```
.text, #text, p{  
    color:rgb(234, 186, 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(234, 186, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 186, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 72.5329, -0.2167, 44.6906 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(234, 186, 0) }
```


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

```
.border{ border-color:rgb(234, 186, 0) }
```

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

Here you see how a box with a 4 pixel rgb(234, 186, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 186, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 186, 0);  
box-shadow:4px 4px 4px 4px rgb(234, 186,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.5329, -0.2167, 44.6906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 186, 0) }
```

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

```
.background{ background-color: rgb(234,  
186, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor