

Converting Colors

HunterLab(73.4300, -4.6636,
45.1656)

Have a look what the booklet for
HunterLab(73.4300, -4.6636,
45.1656) contains.

HunterLab(73.4300, -4.6636, 45.1656)	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(73.4300, -4.6636,
45.1656)**

Conversions

Conversions Part 1

Format	Color
Hex	E5BF00
RGB	229, 191, 0
RGB Percent	90%, 75%, 0%
CMY	0.1020, 0.2510, 0.9999
CMYK	0.00, 0.17, 1.00, 0.10
HSL	50°, 100%, 45%
HSV	50°, 100%, 90%
XYZ	50.9439, 53.9196, 7.7225
YIQ	180.5880, 83.9590, -51.3450

Conversions

Conversions Part 2

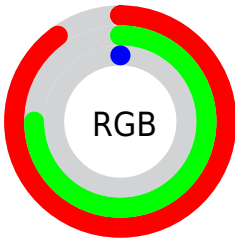
Format	Color
R _Y B	46, 229, 0
Decimal	15056640
CIE Lab	78.42, -0.81, 80.00
CIE LCh	78, 80.000, 90.582
Yxy	53.9223, 0.4525, 0.4789
Android (android.graphics.Color)	4293246720 (0xFFE5BF00)
YUV	180.5880, -89.0299, 42.4573
Hunter-Lab	73.4300, -4.6636, 45.1656

Details

The HunterLab color **73.4300, -4.6636, 45.1656** 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 **26.5411, 53.3349, -148.3060**, and the grayscale version is **68.1418, -3.6359, 3.7023**.

A 20% lighter version of the original color is **94.0245, -20.1434, 52.4244**, and **51.4799, -2.5839, 31.6764** is the 20% darker color. If you saturate the color by 10%, you get **73.4307, -4.6653, 45.1660**, and if you desaturate by 10%, it is **74.6075, -6.2994, 45.2216**.

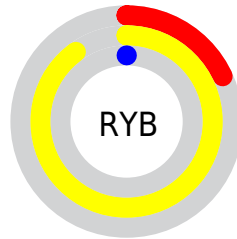
Distribution



Red (90%)

Green (75%)

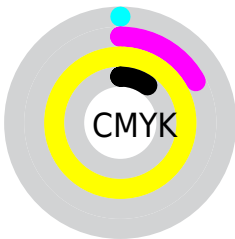
Blue (0%)



Red (18%)

Yellow (90%)

Blue (0%)

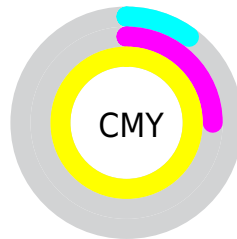


Cyan (0%)

Magenta (17%)

Yellow (100%)

Black (10%)



Cyan (10%)

Magenta (25%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.4300, -4.6636, 45.1656 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 73.4300, -4.6636, 45.1656 by changing the saturation by 10% instead.

73.4300, -4.6636,
45.1656

73.4300, -4.6636,
45.1656

200.4529,
-11.7482, 86.0709

62.0802, -4.0198,
39.7951

97.9592, -6.0522,
55.2851

51.3826, -3.4052,
34.1973

111.0783, -6.7881,
60.0728

41.3816, -2.8248,
28.6185

124.7359, -7.5514,
64.7051

32.1298, -2.2806,
22.4908

138.9114, -8.3411,
69.1994

23.6934, -1.7751,
16.5854

153.5865, -9.1564,
73.5707

16.1607, -1.3112,
11.3125

168.7449, -9.9964,

9.6568, -0.8923,

77.8322

6.7598

184.3716,
-10.8606, 81.9956

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.4300, -4.6636,
45.1656

■ 73.4300, -4.6636,
45.1656

■ 73.4307, -4.6653,
45.1660

■ 74.6075, -6.2994,
45.2216

■ 75.8415, -7.6638,
44.5928

■ 77.1463, -8.6871,
43.0930

■ 78.5272, -9.3366,
40.6454

■ 79.9875, -9.5915,

37.2044

■ 81.5292, -9.4393,
32.7464

■ 83.1533, -8.8744,
27.2651

■ 84.8599, -7.8965,
20.7674

■ 86.6488, -6.5095,
13.2710

Harmonies

Analogous

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



73.4318, 35.7616, 42.5339



73.4300, -4.6636, 45.1656



73.4318, -37.6879, 42.2997

Triad

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



73.4318, -4.6668, 45.1661



73.4318, -57.0728, -41.1928



73.4318, 71.6589, -39.2848

Complementary

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



73.4300, -4.6636, 45.1656



26.5411, 53.3349, -148.3060

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.



73.4318, 37.3207, -85.2184



73.4300, -4.6636, 45.1656



73.4318, -36.6370, -86.6611

Square

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



73.4318, -4.6668, 45.1661



73.4318, -63.8940, 3.2837



73.4318, -3.1744, -105.8592



73.4318, 84.9321, 4.7034

Rectangle

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



73.4300, -4.6636, 45.1656



73.4318, -52.4975, 35.9678



73.4318, -3.1744, -105.8592



73.4318, 61.8923, -55.6706

Sweetspot

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



73.4318, -4.6668, 45.1661



93.9050, -10.0418, 30.9281



40.9871, 70.5333, 23.8158



43.0798, -4.7957, 15.5848

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



73.4318, -4.6668, 45.1661



82.8809, -5.1459, 50.9807



79.2330, -46.0783, 48.0159



40.4829, -2.9980, 5.9934



55.6615, -3.7540, 34.2326



15.4860, -1.5989, 9.5144

Inverse Universe

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



26.5411, 53.3349, -148.3060



29.8296, 60.8300, -168.5989



26.8482, 67.0442, -145.9825



37.7777, -1.0236, -2.0771



20.3563, 39.2695, -110.2151



6.5016, 7.5490, -24.4227

Previews

White Background



This preview shows how the HunterLab color 73.4300, -4.6636, 45.1656 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 73.4300, -4.6636, 45.1656 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 73.4300, -4.6636, 45.1656 Background



This preview shows how black text looks on a background with the HunterLab color 73.4300, -4.6636, 45.1656.



This preview shows how white text looks on a background with the HunterLab color 73.4300, -4.6636,

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

73.4300, -4.6636, 45.1656

Protanopia

73.5580, -10.3728, 44.9593

Deuteranopia

73.3103, 5.4365, 44.7334



Tritanopia

73.4528, 19.5037, 5.8164

Trichromacy



Original Color

73.4300, -4.6636, 45.1656

Protanomaly

73.6767, -8.4010, 45.1366

Deuteranomaly

73.4305, 1.4012, 44.9646

Tritanomaly

72.7559, 6.8964, 29.9481

Monochromacy



Original Color

73.4300, -4.6636, 45.1656

Achromatopsia

67.9762, -3.6270, 3.6933

Achromatomaly

69.2398, -8.4282, 28.6288

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 73.4300, -4.6636, 45.1656 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(229, 191, 0)` looks like.

```
.text, #text, p{  
    color:rgb(229, 191, 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(229, 191, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 191, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 73.4300, -4.6636, 45.1656 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(229, 191, 0) }
```


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

```
.border{ border-color:rgb(229, 191, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 191, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 191, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 191, 0);  
box-shadow:4px 4px 4px 4px rgb(229, 191,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 73.4300, -4.6636, 45.1656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 191, 0) }
```

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

```
.background{ background-color: rgb(229,  
191, 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