

# Converting Colors

HunterLab(72.2735, -3.4849,  
40.6049)

Have a look what the booklet for  
HunterLab(72.2735, -3.4849,  
40.6049) contains.

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# Color

**HunterLab(72.3415, -3.3927,  
40.6629)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1BC3F
RGB	225, 188, 63
RGB Percent	88%, 74%, 25%
CMY	0.1176, 0.2627, 0.7529
CMYK	0.00, 0.16, 0.72, 0.12
HSL	46°, 73%, 56%
HSV	46°, 72%, 88%
XYZ	49.9318, 52.3329, 12.1722
YIQ	184.8130, 62.1770, -31.0310

# Conversions

## Conversions Part 2

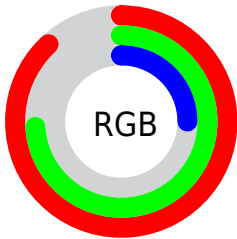
<b>Format</b>	<b>Color</b>
<b>RYB</b>	111, 225, 63
Decimal	14793791
CIELab	77.48, 0.51, 64.83
CIELCh	77, 64.828, 89.548
Yxy	52.3355, 0.4363, 0.4573
Android (android.graphics.Color)	4292983871 (0xFFE1BC3F)
YUV	184.8130, -60.0538, 35.2440
Hunter-Lab	72.3415, -3.3927, 40.6629

# Details

The HunterLab color **72.3415, -3.3927, 40.6629** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **39.5057, 22.1248, -82.1770**, and the grayscale version is **69.8014, -3.7244, 3.7924**.

A 20% lighter version of the original color is **93.4181, -16.6189, 46.3948**, and **50.4331, -1.9337, 31.0428** is the 20% darker color. If you saturate the color by 10%, you get **70.6942, -1.6353, 41.8112**, and if you desaturate by 10%, it is **74.0777, -4.7863, 38.5995**.

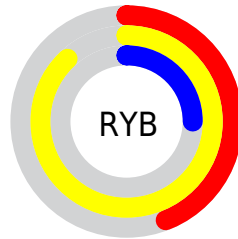
# Distribution



Red (88%)

Green (74%)

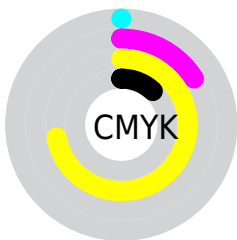
Blue (25%)



Red (44%)

Yellow (88%)

Blue (25%)

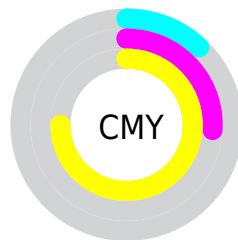


Cyan (0%)

Magenta (16%)

Yellow (72%)

Black (12%)



Cyan (12%)

Magenta (26%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.3415, -3.3927, 40.6629 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 72.3415, -3.3927, 40.6629 by changing the saturation by 10% instead.



72.3415, -3.3927,  
40.6629

72.3415, -3.3927,  
40.6629

198.9297, -9.9696,  
74.7040

61.0512, -2.8183,  
36.1924

96.7604, -4.6524,  
49.0561

50.4168, -2.2776,  
31.5019

109.8280, -5.3281,  
53.0255

40.4836, -1.7762,  
26.5672

123.4361, -6.0336,  
56.8701

31.3049, -1.3176,  
21.9134

137.5639, -6.7677,  
60.6060

22.9489, -0.9060,  
16.0642

152.1931, -7.5292,  
64.2466

15.5064, -0.5474,  
10.8545

167.3069, -8.3173,

9.1005, -0.2411,

67.8036

6.3704

182.8904, -9.1310,  
71.2866

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.3415, -3.3927,  
40.6629

■ 72.3415, -3.3927,  
40.6629

■ 70.6942, -1.6353,  
41.8112

■ 74.0777, -4.7863,  
38.5995

■ 69.1264, 0.4634,  
42.1125

■ 75.8997, -5.7883,  
35.5842


■ 67.9208, 2.3280,  
41.8932


■ 77.8097, -6.3927,  
31.6061


■ 79.8073, -6.5973,  
26.6709


■ 81.8915, -6.4056,

20.7969

 84.0605, -5.8249,  
14.0113

 86.3123, -4.8658,  
6.3477

 88.6447, -3.5412,  
-2.1560

 90.6725, -3.9530,  
-6.0605

# Harmonies

## Analogous

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



72.3432, 28.6752, 37.6204



72.3415, -3.3927, 40.6629



72.3432, -30.8218, 37.8093

# Triad

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



72.3432, -3.3958, 40.6635



72.3432, -48.5234, -29.7301



72.3432, 54.6150, -30.8415

# Complementary

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



72.3415, -3.3927, 40.6629



39.5057, 22.1248, -82.1770

# 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.



72.3432, 27.7298, -64.2422



72.3415, -3.3927, 40.6629



72.3432, -31.5066, -63.4336

# Square

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



72.3432, -3.3958, 40.6635



72.3432, -54.0834, 4.3812



72.3432, -4.3309, -78.1186



72.3432, 65.4166, 3.4916



# Rectangle

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



72.3415, -3.3927, 40.6629



72.3432, -43.6493, 31.7894



72.3432, -4.3309, -78.1186



72.3432, 46.9593, -42.9973

# Sweetspot

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



72.3432, -3.3958, 40.6635



94.3375, -7.3890, 24.0803



45.2755, 59.4199, 12.8820



43.3371, -3.4663, 12.0427

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



72.3432, -3.3958, 40.6635



80.6289, -0.8175, 48.4591



80.0811, -35.2307, 45.2467



39.3331, -2.6099, 5.6402



51.7377, 1.4559, 31.9060



14.0949, -0.4281, 8.6777



# Inverse Universe

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



39.5057, 22.1248, -82.1770



37.6963, 38.5724, -124.8987



34.7395, 48.8370, -99.3137



37.0791, -1.3203, -1.7803



21.5925, 33.2775, -98.8253



6.7672, 5.6519, -20.6593



# Previews

## White Background



This preview shows how the HunterLab color 72.3415, -3.3927, 40.6629 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 72.3415, -3.3927, 40.6629 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 72.3415, -3.3927, 40.6629 Background



This preview shows how black text looks on a background with the HunterLab color 72.3415, -3.3927, 40.6629.



This preview shows how white text looks on a background with the HunterLab color 72.3415, -3.3927,



# 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

72.3415, -3.3927, 40.6629

### Protanopia

72.3641, -9.4529, 40.4508

### Deuteranopia

72.3622, 5.6271, 40.5901



## Tritanopia

72.2615, 18.4004, 5.3474

# Trichromacy



## Original Color

72.3415, -3.3927, 40.6629

## Protanomaly

72.4825, -7.4801, 40.5648

## Deuteranomaly

72.3279, 2.5649, 40.6369

## Tritanomaly

71.8433, 9.0230, 22.9816

# Monochromacy



## Original Color

72.3415, -3.3927, 40.6629

## Achromatopsia

69.6527, -3.7165, 3.7844

## Achromatomaly

70.2284, -5.5083, 21.9036

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 72.3415, -3.3927, 40.6629 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(225, 188, 63)` looks like.

```
.text, #text, p{  
    color:rgb(225, 188, 63)  
}
```

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(225, 188, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 188, 63) }
```

## Border

The CSS property to change the border of an element to HunterLab 72.3415, -3.3927, 40.6629 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(225, 188, 63) }
```



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

```
.border{ border-color:rgb(225, 188, 63) }
```

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

Here you see how a box with a 4 pixel rgb(225, 188, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 188, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 188, 63);  
box-shadow:4px 4px 4px 4px rgb(225, 188,  
63) }
```

# Background

The CSS property to change the background color of an element to HunterLab 72.3415, -3.3927, 40.6629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 188, 63) }
```

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

```
.background{ background-color: rgb(225,  
188, 63) }
```

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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