

# Converting Colors

HunterLab(72.3615, 5.3812,  
42.4795)

Have a look what the booklet for  
HunterLab(72.3615, 5.3812,  
42.4795) contains.

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# Color

**HunterLab(72.3615, 5.3812,  
42.4795)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1B62F
RGB	241, 182, 47
RGB Percent	95%, 71%, 18%
CMY	0.0549, 0.2862, 0.8157
CMYK	0.00, 0.24, 0.80, 0.05
HSL	42°, 87%, 56%
HSV	42°, 80%, 95%
XYZ	53.5166, 52.3619, 9.9755
YIQ	184.2510, 78.4990, -29.4770

# Conversions

## Conversions Part 2

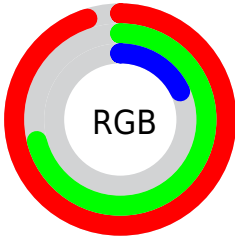
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	132, 241, 47
Decimal	15840815
CIE Lab	77.50, 9.87, 71.04
CIE LCh	77, 71.721, 82.090
Yxy	52.3645, 0.4619, 0.4520
Android (android.graphics.Color)	4294030895 (0xFFFF1B62F)
YUV	184.2510, -67.6647, 49.7689
Hunter-Lab	72.3615, 5.3812, 42.4795

# Details

The HunterLab color **72.3615, 5.3812, 42.4795** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **41.5487, 22.6793, -92.7535**, and the grayscale version is **69.5915, -3.7132, 3.7810**.

A 20% lighter version of the original color is **91.3395, -14.5177, 47.3536**, and **50.4022, 6.2577, 31.1671** is the 20% darker color. If you saturate the color by 10%, you get **70.2117, 8.5579, 42.7336**, and if you desaturate by 10%, it is **74.6301, 2.5866, 41.2820**.

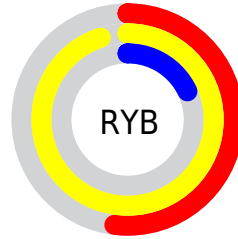
# Distribution



Red (95%)

Green (71%)

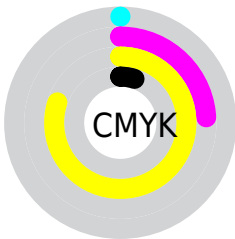
Blue (18%)



Red (52%)

Yellow (95%)

Blue (18%)

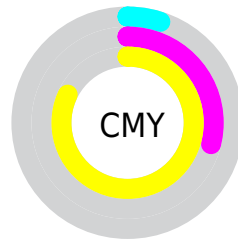


Cyan (0%)

Magenta (24%)

Yellow (80%)

Black (5%)



Cyan (5%)

Magenta (29%)


Yellow (82%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.3615, 5.3812, 42.4795 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 72.3615, 5.3812, 42.4795 by changing the saturation by 10% instead.




 72.3615, 5.3812,  
42.4795


 72.3615, 5.3812,  
42.4795


198.9578, 2.1681,  
79.3768

 61.0702, 5.4981,  
37.6250


 96.7825, 4.9706,  
51.6002


 50.4346, 5.5553,  
32.5419

 109.8511, 4.6927,  
55.9115


 40.5001, 5.5415,  
27.2391


 123.4600, 4.3699,  
60.0840

 31.3201, 5.4463,  
21.9240

 137.5888, 4.0050,  
64.1344

 22.9626, 5.2554,  
16.0738

 152.2188, 3.6004,  
68.0774

 15.5184, 4.9476,  
10.8629

 167.3334, 3.1582,

 9.1110, 4.5151,

71.9252

6.3777

182.9177, 2.6802,  
75.6886

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.3615, 5.3812,  
42.4795

■ 72.3615, 5.3812,  
42.4795

■ 70.2117, 8.5579,  
42.7336

■ 74.6301, 2.5866,  
41.2820

■ 68.2640, 11.8684,  
42.2718

■ 77.0134, 0.2146,  
39.0864


■ 79.5123, -1.7238,  
35.8791


■ 82.1245, -3.2251,  
31.6708


■ 84.8469, -4.2936,

26.4885

 87.6755, -4.9394,  
20.3701

 90.6064, -5.1766,  
13.3599

 93.6352, -5.0218,  
5.5060

 96.4540, -6.1582,  
1.1715

# Harmonies

## Analogous

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



72.3633, 40.9722, 37.8858



72.3615, 5.3812, 42.4795



72.3633, -26.9020, 41.1694

# Triad

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



72.3633, 5.3777, 42.4801



72.3633, -55.1352, -23.6521



72.3633, 55.4511, -45.7986

# Complementary

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



72.3615, 5.3812, 42.4795



41.5487, 22.6793, -92.7535

# 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.



72.3633, 22.4715, -80.9276



72.3615, 5.3812, 42.4795



72.3633, -39.8949, -64.5454

# Square

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



72.3633, 5.3777, 42.4801



72.3633, -58.0163, 12.0048



72.3633, -12.6659, -89.0344



72.3633, 73.1745, -5.1776



# Rectangle

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



72.3615, 5.3812, 42.4795



72.3633, -42.7682, 36.6144



72.3633, -12.6659, -89.0344



72.3633, 45.5204, -59.2907

# Sweetspot

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



72.3633, 5.3777, 42.4801



92.3912, -5.0712, 24.1647



46.7184, 71.1578, 11.8733



42.2464, -2.2297, 12.2528

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



72.3633, 5.3777, 42.4801



73.3698, 11.6374, 45.2364



87.2675, -35.5867, 51.3233



41.9528, -2.3897, 5.8121



50.5163, 8.2751, 31.2727



15.1569, 1.3078, 9.3625



# Inverse Universe

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



41.5487, 22.6793, -92.7535



36.6547, 39.2341, -129.7571



31.9434, 58.2246, -133.7584



40.0156, -1.8260, -1.6321



25.0120, 27.7079, -91.0764



8.3021, 5.2008, -21.6040



# Previews

## White Background



This preview shows how the HunterLab color 72.3615, 5.3812, 42.4795 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 72.3615, 5.3812, 42.4795 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 72.3615, 5.3812, 42.4795 Background



This preview shows how black text looks on a background with the HunterLab color 72.3615, 5.3812, 42.4795.



This preview shows how white text looks on a background with the HunterLab color 72.3615, 5.3812,



# 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

72.3615, 5.3812, 42.4795

### Protanopia

72.3717, -9.6190, 41.9546

### Deuteranopia

72.3615, 5.3812, 42.4795



## Tritanopia

72.3243, 26.4241, 8.3026

# Trichromacy



## Original Color

72.3615, 5.3812, 42.4795

## Protanomaly

72.1356, -4.2985, 41.9861

## Deuteranomaly

72.3615, 5.3812, 42.4795

## Tritanomaly

71.8235, 17.0750, 25.9378

# Monochromacy



## Original Color

72.3615, 5.3812, 42.4795

## Achromatopsia

69.2330, -3.6941, 3.7616

## Achromatomaly

69.6903, -3.0778, 23.7006

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 72.3615, 5.3812, 42.4795 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(241, 182, 47)` looks like.

```
.text, #text, p{  
    color:rgb(241, 182, 47)  
}
```

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(241, 182, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 182, 47) }
```

## Border

The CSS property to change the border of an element to HunterLab 72.3615, 5.3812, 42.4795 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(241, 182, 47) }
```



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

```
.border{ border-color:rgb(241, 182, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 182, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 182, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 182, 47);  
box-shadow:4px 4px 4px 4px rgb(241, 182,  
47) }
```

# Background

The CSS property to change the background color of an element to HunterLab 72.3615, 5.3812, 42.4795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 182, 47) }
```

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

```
.background{ background-color: rgb(241,  
182, 47) }
```

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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