

# Converting Colors

HunterLab(72.0052, 5.4934,  
43.3980)

Have a look what the booklet for  
HunterLab(72.0052, 5.4934,  
43.3980) contains.

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# Color

**HunterLab(72.0052, 5.4934,  
43.3980)**

# Conversions

Conversions Part 1	
Format	Color
Hex	F1B51F
RGB	241, 181, 31
RGB Percent	95%, 71%, 12%
CMY	0.0549, 0.2902, 0.8784
CMYK	0.00, 0.25, 0.87, 0.05
HSL	43°, 88%, 53%
HSV	43°, 87%, 95%
XYZ	53.0469, 51.8475, 8.5081
YIQ	181.8400, 83.9100, -33.9300

# Conversions

## Conversions Part 2

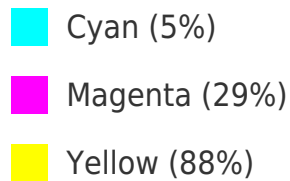
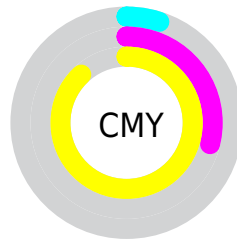
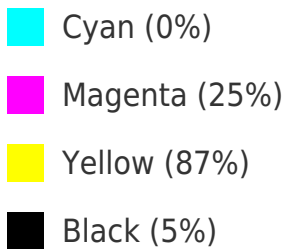
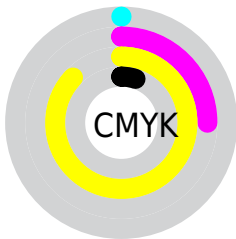
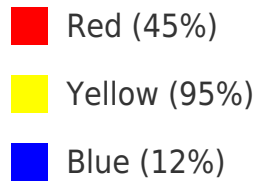
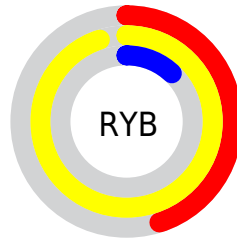
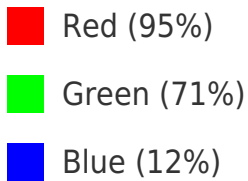
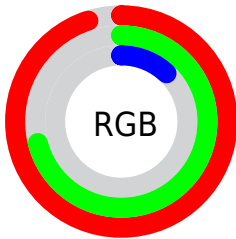
Format	Color
<a href="#">RYB</a>	<a href="#">115, 241, 31</a>
Decimal	<a href="#">15840543</a>
CIELab	<a href="#">77.19, 9.98, 75.17</a>
CIELCh	<a href="#">77, 75.827, 82.435</a>
Yxy	<a href="#">51.8501, 0.4678, 0.4572</a>
Android (android.graphics.Color)	<a href="#">4294030623</a> <a href="#">(0xFFFF1B51F)</a>
YUV	<a href="#">181.8400, -74.3641, 51.8833</a>
Hunter-Lab	<a href="#">72.0052, 5.4934, 43.3980</a>

# Details

The HunterLab color **72.0052, 5.4934, 43.3980** 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 **37.5827, 30.0925, -107.5991**, and the grayscale version is **68.6061, -3.6606, 3.7275**.

A 20% lighter version of the original color is **90.9046, -14.6713, 48.8513**, and **50.4022, 6.2577, 31.1671** is the 20% darker color. If you saturate the color by 10%, you get **70.0249, 8.6653, 43.1327**, and if you desaturate by 10%, it is **74.0930, 2.6653, 42.7992**.

# Distribution





# Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.0052, 5.4934, 43.3980 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 72.0052, 5.4934, 43.3980 by changing the saturation by 10% instead.





 72.0052, 5.4934,  
43.3980


 72.0052, 5.4934,  
43.3980


198.4584, 2.3316,  
82.2316

 60.7335, 5.6030,  
38.2864

 96.3899, 5.0960,  
53.0100


 50.1188, 5.6526,  
32.9442


 109.4415, 4.8242,  
57.5531


 40.2066, 5.6305,  
27.5057


 123.0342, 4.5072,  
61.9480

 31.0507, 5.5263,  
21.7355

 137.1472, 4.1479,  
66.2122

 22.7198, 5.3252,  
15.9039

 151.7621, 3.7487,  
70.3604

 15.3054, 5.0060,  
10.7138

 166.8621, 3.3118,

 8.9224, 4.6017,

74.4059

6.2457

182.4321, 2.8389,  
78.3597

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.0052, 5.4934,  
43.3980

■ 72.0052, 5.4934,  
43.3980

■ 70.0249, 8.6653,  
43.1327

■ 74.0930, 2.6653,  
42.7992

■ 69.4708, 9.6106,  
42.9759


■ 76.2880, 0.2387,  
41.2325


■ 78.5931, -1.7653,  
38.6561


■ 81.0078, -3.3353,  
35.0603


■ 83.5302, -4.4694,

30.4570

 86.1575, -5.1729,  
24.8734

 88.8864, -5.4558,  
18.3461

 91.7134, -5.3321,  
10.9185

 94.6347, -4.8180,  
2.6372

# Harmonies

## Analogous

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



72.0070, 43.3731, 39.0059



72.0052, 5.4934, 43.3980



72.0070, -28.3932, 42.0744

# Triad

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



72.0070, 5.4899, 43.3986



72.0070, -57.2850, -25.9930



72.0070, 59.6096, -48.8550

# Complementary

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



72.0052, 5.4934, 43.3980



37.5827, 30.0925, -107.5991

# 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.



72.0070, 24.5057, -87.3061



72.0052, 5.4934, 43.3980



72.0070, -41.3567, -70.1971

# Square

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



72.0070, 5.4899, 43.3986



72.0070, -60.3952, 12.0563



72.0070, -12.7292, -96.6015



72.0070, 78.3707, -5.2937



# Rectangle

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



72.0052, 5.4934, 43.3980



72.0070, -44.8351, 37.5385



72.0070, -12.7292, -96.6015



72.0070, 49.0357, -63.5353

# Sweetspot

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



72.0070, 5.4899, 43.3986



92.1660, -5.5682, 25.8336



45.2651, 73.7369, 15.3105



42.1823, -2.4870, 12.9797

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



72.0070, 5.4899, 43.3986



74.0114, 10.3602, 45.7868



86.6899, -37.9317, 51.8668



42.0136, -2.4904, 5.8767



51.3937, 6.6418, 31.7848



15.3822, 0.9051, 9.4943



# Inverse Universe

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



37.5827, 30.0925, -107.5991



34.5913, 44.8521, -140.0590



29.5770, 63.6038, -147.4810



39.9552, -1.7250, -1.7073



24.3732, 29.5440, -94.2415



8.1111, 5.6549, -22.3454



# Previews

## White Background



This preview shows how the HunterLab color 72.0052, 5.4934, 43.3980 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 72.0052, 5.4934, 43.3980 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 72.0052, 5.4934, 43.3980 Background



This preview shows how black text looks on a background with the HunterLab color 72.0052, 5.4934, 43.3980.



This preview shows how white text looks on a background with the HunterLab color 72.0052, 5.4934,



# 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

72.0052, 5.4934, 43.3980

### Protanopia

71.9890, -9.5813, 42.9451

### Deuteranopia





72.0052, 5.4934, 43.3980






## Tritanopia

71.8787, 27.6026, 8.7148

# Trichromacy

	<b>Original Color</b> 72.0052, 5.4934, 43.3980
	<b>Protanomaly</b> 71.7619, -4.2352, 42.9564
	<b>Deuteranomaly</b> 72.0052, 5.4934, 43.3980
	<b>Tritanomaly</b> 71.5316, 17.2254, 28.0183

# Monochromacy

	<b>Original Color</b> 72.0052, 5.4934, 43.3980
	<b>Achromatopsia</b> 68.3947, -3.6494, 3.7160
	<b>Achromatomaly</b> 69.0541, -4.0387, 25.2405

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 72.0052, 5.4934, 43.3980 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, 181, 31)` looks like.

```
.text, #text, p{  
    color:rgb(241, 181, 31)  
}
```

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, 181, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 181, 31) }
```

## Border

The CSS property to change the border of an element to HunterLab 72.0052, 5.4934, 43.3980 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, 181, 31) }
```



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

```
.border{ border-color:rgb(241, 181, 31) }
```

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

Here you see how a box with a 4 pixel rgb(241, 181, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 181, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 181, 31);  
box-shadow:4px 4px 4px 4px rgb(241, 181,  
31) }
```

# Background

The CSS property to change the background color of an element to HunterLab 72.0052, 5.4934, 43.3980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 181, 31) }
```

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

```
.background{ background-color: rgb(241,  
181, 31) }
```

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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