

Converting Colors

HunterLab(72.5015, 5.6415,
44.1937)

Have a look what the booklet for
HunterLab(72.5015, 5.6415,
44.1937) contains.

HunterLab(72.5015, 5.6415, 44.1937)	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(72.5015, 5.6415,
44.1937)**

Conversions

Conversions Part 1

Format	Color
Hex	F3B615
RGB	243, 182, 21
RGB Percent	95%, 71%, 8%
CMY	0.0471, 0.2862, 0.9176
CMYK	0.00, 0.25, 0.91, 0.05
HSL	44°, 90%, 52%
HSV	44°, 91%, 95%
XYZ	53.8254, 52.5647, 8.0185
YIQ	181.8850, 88.0370, -37.1390

Conversions

Conversions Part 2

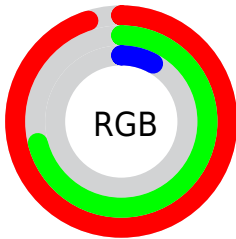
Format	Color
RYB	105, 243, 21
Decimal	15971861
CIELab	77.62, 10.14, 77.58
CIELCh	78, 78.237, 82.551
Yxy	52.5673, 0.4705, 0.4595
Android (android.graphics.Color)	4294161941 (0xFFFF3B615)
YUV	181.8850, -79.3163, 53.5979
Hunter-Lab	72.5015, 5.6415, 44.1937

Details

The HunterLab color **72.5015, 5.6415, 44.1937** 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 **35.5888, 35.5471, -118.7115**, and the grayscale version is **68.6438, -3.6627, 3.7295**.

A 20% lighter version of the original color is **91.1758, -15.4323, 49.7660**, and **50.7829, 6.1699, 31.4002** is the 20% darker color. If you saturate the color by 10%, you get **70.8498, 8.3653, 43.8038**, and if you desaturate by 10%, it is **74.5019, 2.7647, 43.9554**.

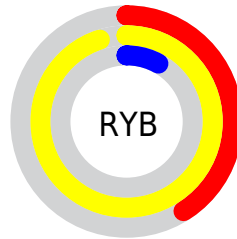
Distribution



Red (95%)

Green (71%)

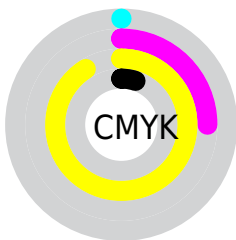
Blue (8%)



Red (41%)

Yellow (95%)

Blue (8%)

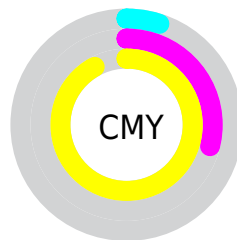


Cyan (0%)

Magenta (25%)

Yellow (91%)

Black (5%)



Cyan (5%)


Magenta (29%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 72.5015, 5.6415, 44.1937 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 72.5015, 5.6415, 44.1937 by changing the saturation by 10% instead.

 72.5015, 5.6415,
44.1937

 72.5015, 5.6415,
44.1937


199.1539, 2.5201,
84.0858

 61.2025, 5.7461,
38.9479


 96.9368, 5.2537,
54.0673


 50.5588, 5.7904,
33.4726


 110.0120, 4.9866,
58.7358

 40.6155, 5.7631,
27.9690


 123.6273, 4.6743,
63.2522

 31.4260, 5.6536,
21.9982

 137.7622, 4.3195,
67.6337

 23.0581, 5.4473,
16.1407

 152.3981, 3.9246,
71.8955

 15.6022, 5.1230,
10.9216

 167.5186, 3.4919,

 9.1840, 4.6621,

76.0507

6.4288

183.1084, 3.0232,
80.1108

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.5015, 5.6415,
44.1937

■ 72.5015, 5.6415,
44.1937

■ 70.8498, 8.3653,
43.8038

■ 74.5019, 2.7647,
43.9554

■ 76.6051, 0.2752,
42.7736

■ 78.8157, -1.7979,
40.5840

■ 81.1342, -3.4375,
37.3614

■ 83.5597, -4.6372,

33.1068

■ 86.0901, -5.3985,
27.8389

■ 88.7226, -5.7291,
21.5889

■ 91.4542, -5.6407,
14.3963

■ 94.2813, -5.1482,
6.3053

Harmonies

Analogous

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



72.5033, 44.9621, 39.8545



72.5015, 5.6415, 44.1937



72.5033, -29.3218, 42.8644

Triad

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



72.5033, 5.6379, 44.1943



72.5033, -58.8236, -27.3081



72.5033, 62.1201, -50.8332

Complementary

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



72.5015, 5.6415, 44.1937



35.5888, 35.5471, -118.7115

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.



72.5033, 25.6573, -91.2458



72.5015, 5.6415, 44.1937



72.5033, -42.4496, -73.5460

Square

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



72.5033, 5.6379, 44.1943



72.5033, -62.0512, 12.2271



72.5033, -12.9166, -101.1709



72.5033, 81.5833, -5.4428

Rectangle

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



72.5015, 5.6415, 44.1937



72.5033, -46.1897, 38.3131



72.5033, -12.9166, -101.1709



72.5033, 51.1321, -66.2257

Sweetspot

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



72.5033, 5.6379, 44.1943



92.1142, -5.9071, 26.7024



44.9776, 75.3786, 18.0032



42.1800, -2.6603, 13.3602

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.5033, 5.6379, 44.1943



74.7875, 8.9285, 46.2400



87.0309, -40.1844, 52.4409



43.0100, -2.6089, 6.0582



52.7134, 5.7855, 32.5830



16.1658, 0.7504, 9.9744

Inverse Universe

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



35.5888, 35.5471, -118.7115



34.0707, 46.4369, -142.8295



28.7696, 66.9660, -155.8467



40.8260, -1.7014, -1.8016



24.3556, 31.1731, -97.7361



8.2833, 6.3503, -24.0618

Previews

White Background



This preview shows how the HunterLab color 72.5015, 5.6415, 44.1937 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 72.5015, 5.6415, 44.1937 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 72.5015, 5.6415, 44.1937 Background



This preview shows how black text looks on a background with the HunterLab color 72.5015, 5.6415, 44.1937.



This preview shows how white text looks on a background with the HunterLab color 72.5015, 5.6415,

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

72.5015, 5.6415, 44.1937

Protanopia

72.7749, -9.9648, 43.9198

Deuteranopia

72.5015, 5.6415, 44.1937



Tritanopia

72.4215, 27.9895, 8.8844

Trichromacy



Original Color

72.5015, 5.6415, 44.1937

Protanomaly

72.5465, -4.6047, 43.9159

Deuteranomaly

72.5015, 5.6415, 44.1937

Tritanomaly

72.0013, 17.2367, 29.2380

Monochromacy



Original Color

72.5015, 5.6415, 44.1937

Achromatopsia

68.3947, -3.6494, 3.7160

Achromatomaly

69.0821, -4.0893, 26.4137

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.5015, 5.6415, 44.1937 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(243, 182, 21)` looks like.

```
.text, #text, p{  
    color:rgb(243, 182, 21)  
}
```

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(243, 182, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 182, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 72.5015, 5.6415, 44.1937 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(243, 182, 21) }
```


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

```
.border{ border-color:rgb(243, 182, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 182, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 182, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 182, 21);  
box-shadow:4px 4px 4px 4px rgb(243, 182,  
21) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.5015, 5.6415, 44.1937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 182, 21) }
```

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

```
.background{ background-color: rgb(243,  
182, 21) }
```

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