

Converting Colors

HunterLab(72.0685, 7.4524,
44.5388)

Have a look what the booklet for
HunterLab(72.0685, 7.4524,
44.5388) contains.

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Color

**HunterLab(72.1491, 7.2814,
44.5854)**

Conversions

Conversions Part 1

Format	Color
Hex	F5B400
RGB	245, 180, 0
RGB Percent	96%, 71%, 0%
CMY	0.0392, 0.2941, 0.9999
CMYK	0.00, 0.27, 1.00, 0.04
HSL	44°, 100%, 48%
HSV	44°, 100%, 96%
XYZ	53.9774, 52.0549, 7.2027
YIQ	178.9150, 96.5200, -42.2000

Conversions

Conversions Part 2

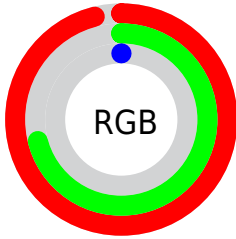
Format	Color
R _Y B	88, 245, 0
Decimal	16102400
CIE Lab	77.32, 11.84, 80.00
CIE LCh	77, 80.870, 81.581
Yxy	52.0575, 0.4767, 0.4597
Android (android.graphics.Color)	4294292480 (0xFFFF5B400)
YUV	178.9150, -88.2051, 57.9565
Hunter-Lab	72.1491, 7.2814, 44.5854

Details

The HunterLab color **72.1491, 7.2814, 44.5854** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle saturated orange. A complement of this color would be **32.2096, 45.4504, -138.3713**, and the grayscale version is **67.4353, -3.5982, 3.6639**.

A 20% lighter version of the original color is **90.1587, -14.2958, 50.0555**, and **50.5031, 7.9246, 31.2585** is the 20% darker color. If you saturate the color by 10%, you get **72.1494, 7.2802, 44.5856**, and if you desaturate by 10%, it is **74.0351, 4.2306, 44.9792**.

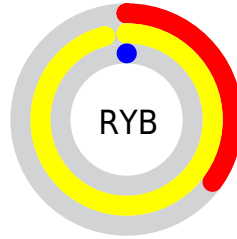
Distribution



Red (96%)

Green (71%)

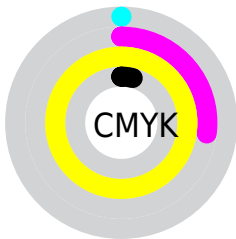
Blue (0%)



Red (35%)

Yellow (96%)

Blue (0%)

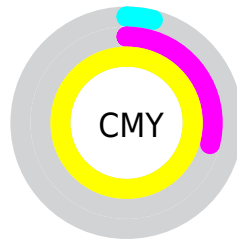


Cyan (0%)

Magenta (27%)

Yellow (100%)

Black (4%)



Cyan (4%)


Magenta (29%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 72.1491, 7.2814, 44.5854 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 72.1491, 7.2814, 44.5854 by changing the saturation by 10% instead.

 72.1491, 7.2814,
44.5854

 72.1491, 7.2814,
44.5854


198.6602, 4.7689,
85.6277

 60.8695, 7.3038,
39.1903


 96.5485, 7.0467,
54.7483

 50.2463, 7.2616,
33.5673

 109.6070, 6.8515,
59.5543

 40.3251, 7.1425,
28.0652

 123.2062, 6.6084,
64.2030

 31.1595, 6.9350,
21.8116

 137.3256, 6.3204,
68.7118

 22.8178, 6.6232,
15.9725

 151.9466, 5.9903,
73.0961

 15.3914, 6.1843,
10.7740

 167.0525, 5.6204,

 8.9991, 5.6327,

77.3692

6.2994

182.6283, 5.2127,
81.5430

0.0000, INF, NaN

0.0000, NaN, NaN

■ 72.1491, 7.2814,
44.5854

■ 72.1491, 7.2814,
44.5854

■ 72.1494, 7.2802,
44.5856

■ 74.0351, 4.2306,
44.9792

■ 76.0111, 1.4981,
44.5957

■ 78.0899, -0.8432,
43.2492

■ 80.2744, -2.7624,
40.8782

■ 82.5653, -4.2433,

37.4588

■ 84.9619, -5.2800,
32.9922

■ 87.4621, -5.8743,
27.4969

■ 90.0636, -6.0337,
21.0037

■ 92.7633, -5.7700,
13.5516

Harmonies

Analogous

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



72.1509, 47.9988, 40.1305



72.1491, 7.2814, 44.5854



72.1509, -29.0526, 43.4690

Triad

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



72.1509, 7.2777, 44.5860



72.1509, -60.4758, -26.9778



72.1509, 63.5863, -54.7703

Complementary

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



72.1491, 7.2814, 44.5854



32.2096, 45.4504, -138.3713

Split Complementary

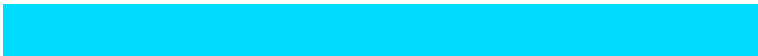
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.1509, 25.3620, -96.6702



72.1491, 7.2814, 44.5854



72.1509, -44.2414, -75.6191

Square

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



72.1509, 7.2777, 44.5860



72.1509, -63.3290, 13.4725



72.1509, -14.3486, -105.8263



72.1509, 84.6755, -7.1313

Rectangle

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



72.1491, 7.2814, 44.5854



72.1509, -46.6083, 39.1878



72.1509, -14.3486, -105.8263



72.1509, 51.9787, -70.8406

Sweetspot

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



72.1509, 7.2777, 44.5860



91.5108, -6.1447, 28.8208



44.4954, 77.0640, 22.0326



41.8197, -2.7465, 14.5164

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.1509, 7.2777, 44.5860



75.4646, 7.6924, 46.6356



87.1636, -43.2799, 52.9517



43.0420, -2.6620, 6.0922



53.1813, 4.9357, 32.8565



16.2895, 0.5333, 10.0469

Inverse Universe

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



32.2096, 45.4504, -138.3713



33.6335, 47.7954, -145.2155



27.3279, 70.9188, -169.3390



40.7942, -1.6482, -1.8413



24.0427, 32.1189, -99.3868



8.1842, 6.5980, -24.4727

Previews

White Background



This preview shows how the HunterLab color 72.1491, 7.2814, 44.5854 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 72.1491, 7.2814, 44.5854 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 72.1491, 7.2814, 44.5854 Background



This preview shows how black text looks on a background with the HunterLab color 72.1491, 7.2814, 44.5854.

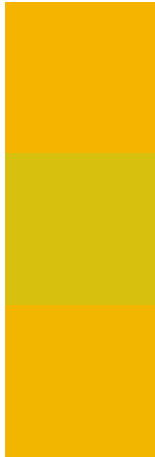


This preview shows how white text looks on a background with the HunterLab color 72.1491, 7.2814,

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

72.1491, 7.2814, 44.5854

Protanopia

72.3394, -10.0084, 44.0595

Deuteranopia

72.0590, 5.5363, 44.4993



Tritanopia

71.9829, 29.1757, 9.3003

Trichromacy



Original Color

72.1491, 7.2814, 44.5854

Protanomaly

72.3305, -3.8996, 44.2896

Deuteranomaly

72.1820, 5.9479, 44.5823

Tritanomaly

71.4611, 17.9992, 30.8919

Monochromacy



Original Color

72.1491, 7.2814, 44.5854

Achromatopsia

67.1406, -3.5825, 3.6479

Achromatomaly

67.9350, -3.8381, 27.9003

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.1491, 7.2814, 44.5854 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(245, 180, 0)` looks like.

```
.text, #text, p{  
    color:rgb(245, 180, 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(245, 180, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 180, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 72.1491, 7.2814, 44.5854 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(245, 180, 0) }
```


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

```
.border{ border-color:rgb(245, 180, 0) }
```

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

Here you see how a box with a 4 pixel rgb(245, 180, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 180, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 180, 0);  
box-shadow:4px 4px 4px 4px rgb(245, 180,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.1491, 7.2814, 44.5854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 180, 0) }
```

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

```
.background{ background-color: rgb(245,  
180, 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](#).

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