

Converting Colors

HunterLab(72.2281, 15.0288,
41.9040)

Have a look what the booklet for
HunterLab(72.2281, 15.0288,
41.9040) contains.

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Color

**HunterLab(72.2401, 15.0055,
41.9123)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAF36
RGB	255, 175, 54
RGB Percent	100%, 69%, 21%
CMY	0.0000, 0.3137, 0.7882
CMYK	0.00, 0.31, 0.79, 0.00
HSL	36°, 100%, 61%
HSV	36°, 79%, 100%
XYZ	57.2359, 52.1863, 10.5464
YIQ	185.1260, 86.5210, -20.6710

Conversions

Conversions Part 2

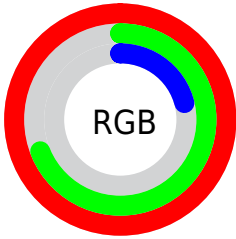
Format	Color
RYB	187, 255, 54
Decimal	16756534
CIELab	77.39, 19.67, 69.17
CIELCh	77, 71.914, 74.125
Yxy	52.1890, 0.4771, 0.4350
Android (android.graphics.Color)	4294946614 (0xFFFFAF36)
YUV	185.1260, -64.6451, 61.2795
Hunter-Lab	72.2401, 15.0055, 41.9123

Details

The HunterLab color **72.2401, 15.0055, 41.9123** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **50.0536, 12.6018, -81.0016**, and the grayscale version is **69.9445, -3.7321, 3.8002**.

A 20% lighter version of the original color is **88.8704, -10.2024, 44.7412**, and **50.5009, 14.3928, 31.3704** is the 20% darker color. If you saturate the color by 10%, you get **69.4301, 19.6029, 42.1603**, and if you desaturate by 10%, it is **75.2295, 10.8336, 40.6397**.

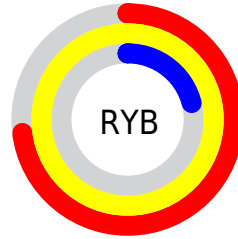
Distribution



Red (100%)

Green (69%)

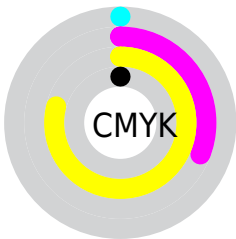
Blue (21%)



Red (73%)

Yellow (100%)

Blue (21%)

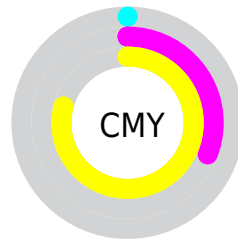


Cyan (0%)

Magenta (31%)

Yellow (79%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 72.2401, 15.0055, 41.9123 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 72.2401, 15.0055, 41.9123 by changing the saturation by 10% instead.


 72.2401, 15.0055,
41.9123


 72.2401, 15.0055,
41.9123

198.7878, 15.1927,
77.9609


 60.9555, 14.6691,
37.1703


 96.6488, 15.4438,
50.8185


 50.3270, 14.2511,
32.2013


 109.7116, 15.5665,
55.0285


 40.4001, 13.7368,
26.9932


 123.3150, 15.6302,
59.1036

 31.2283, 13.1121,
21.8598

 137.4384, 15.6393,
63.0604

 22.8798, 12.3588,
16.0159

 152.0633, 15.5972,
66.9132

 15.4458, 11.4543,
10.8120

167.1729, 15.5070,

 9.0473, 10.4204,

70.6741

6.3331

182.7524, 15.3714,
74.3537

0.0000, INF, NaN

0.0000, NaN, NaN

■ 72.2401, 15.0055,
41.9123

■ 72.2401, 15.0055,
41.9123

■ 69.4301, 19.6029,
42.1603

■ 75.2295, 10.8336,
40.6397

■ 66.7928, 24.5634,
41.5108

■ 78.3878, 7.1306,
38.3176

■ 66.4914, 25.1574,
41.4121

■ 81.7096, 3.9042,
34.9640

■ 85.1868, 1.1517,
30.6196

■ 88.8107, -1.1386,

25.3386

■ 92.5728, -2.9851,
19.1812

■ 96.4648, -4.4098,
12.2098

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



72.2419, 49.5970, 35.3110



72.2401, 15.0055, 41.9123



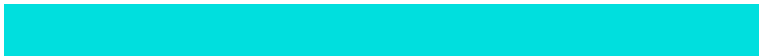
72.2419, -19.1995, 42.0728

Triad

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



72.2419, 15.0016, 41.9130



72.2419, -57.1601, -13.0385



72.2419, 47.7971, -56.8367

Complementary

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



72.2401, 15.0055, 41.9123



50.0536, 12.6018, -81.0016

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.



72.2419, 12.8801, -86.6965



72.2401, 15.0055, 41.9123



72.2419, -45.2214, -54.5001

Square

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



72.2419, 15.0016, 41.9130



72.2419, -56.8045, 19.0216



72.2419, -20.9626, -85.6843



72.2419, 70.7999, -15.3331

Rectangle

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



72.2401, 15.0055, 41.9123



72.2419, -37.1384, 38.8916



72.2419, -20.9626, -85.6843



72.2419, 36.8073, -69.2740

Sweetspot

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



72.2419, 15.0016, 41.9130



90.6082, -2.0831, 22.4753



50.6272, 76.7272, 5.9533



41.3037, -0.6454, 11.3860

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.2419, 15.0016, 41.9130



67.7817, 22.6369, 41.8373



94.5680, -32.1331, 55.5214



44.5044, -2.0012, 5.8804



48.3749, 17.5366, 30.1154



15.7867, 4.0715, 9.7990

Inverse Universe

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



50.0536, 12.6018, -81.0016



42.7497, 24.1390, -104.4478



33.6433, 58.9172, -144.9653



43.0860, -2.5015, -1.3601



29.9286, 19.3374, -79.1520



10.3854, 3.7214, -21.0142

Previews

White Background



This preview shows how the HunterLab color 72.2401, 15.0055, 41.9123 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 72.2401, 15.0055, 41.9123 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 72.2401, 15.0055, 41.9123 Background



This preview shows how black text looks on a background with the HunterLab color 72.2401, 15.0055, 41.9123.



This preview shows how white text looks on a background with the HunterLab color 72.2401, 15.0055,

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

72.2401, 15.0055, 41.9123

Protanopia

72.4236, -9.3304, 41.1867

Deuteranopia

72.3849, 5.5060, 42.1342



Tritanopia

72.1885, 29.6837, 10.4082

Trichromacy



Original Color

72.2401, 15.0055, 41.9123

Protanomaly

72.2746, -0.6950, 41.3477

Deuteranomaly

72.1671, 9.1175, 41.9596

Tritanomaly

71.9047, 22.7374, 26.4081

Monochromacy



Original Color

72.2401, 15.0055, 41.9123

Achromatopsia

69.6527, -3.7165, 3.7844

Achromatomaly

69.6818, 0.0362, 22.8008

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.2401, 15.0055, 41.9123 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(255, 175, 54)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 54)  
}
```

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(255, 175, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 72.2401, 15.0055, 41.9123 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(255, 175, 54) }
```


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

```
.border{ border-color:rgb(255, 175, 54) }
```

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

Here you see how a box with a 4 pixel rgb(255, 175, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 54);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
54) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.2401, 15.0055, 41.9123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 54) }
```

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

```
.background{ background-color: rgb(255,  
175, 54) }
```

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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