

# Converting Colors

HunterLab(72.0888, 16.3819,  
39.4756)

Have a look what the booklet for  
HunterLab(72.0888, 16.3819,  
39.4756) contains.

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# Color

**HunterLab(72.1201, 16.2990,  
39.5435)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | FFAE49                      |
| RGB         | 255, 174, 73                |
| RGB Percent | 100%, 68%, 29%              |
| CMY         | 0.0000, 0.3176, 0.7137      |
| CMYK        | 0.00, 0.32, 0.71, 0.00      |
| HSL         | 33°, 100%, 64%              |
| HSV         | 33°, 71%, 100%              |
| XYZ         | 57.5786, 52.0131, 13.3081   |
| YIQ         | 186.7050, 80.6970, -14.2390 |

# Conversions

## Conversions Part 2

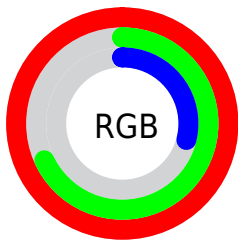
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 219, 255, 73                   |
| Decimal                             | 16756297                       |
| CIE <sub>Lab</sub>                  | 77.29, 20.96, 61.59            |
| CIE <sub>LCh</sub>                  | 77, 65.057, 71.207             |
| Yxy                                 | 52.0157, 0.4685,<br>0.4232     |
| Android<br>(android.graphics.Color) | 4294946377<br>(0xFFFFAE49)     |
| YUV                                 | 186.7050, -56.0566,<br>59.8947 |
| Hunter-Lab                          | 72.1201, 16.2990,<br>39.5435   |

# Details

The HunterLab color **72.1201, 16.2990, 39.5435** 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 **56.3436, 3.8933, -64.7676**, and the grayscale version is **70.5752, -3.7657, 3.8345**.

A 20% lighter version of the original color is **89.0842, -9.0192, 41.5983**, and **50.2823, 15.0195, 30.8365** is the 20% darker color. If you saturate the color by 10%, you get **68.9512, 21.2004, 40.5000**, and if you desaturate by 10%, it is **75.4969, 11.8481, 37.5556**.

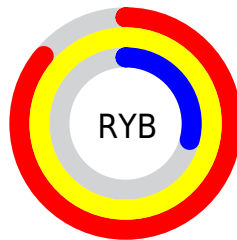
# Distribution



Red (100%)

Green (68%)

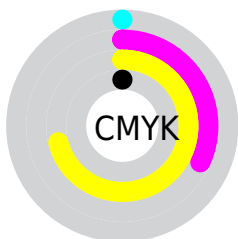
Blue (29%)



Red (86%)

Yellow (100%)

Blue (29%)

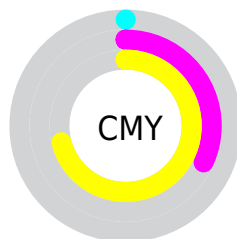


Cyan (0%)

Magenta (32%)

Yellow (71%)

Black (0%)



Cyan (0%)

Magenta (32%)


Yellow (71%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.1201, 16.2990, 39.5435 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 72.1201, 16.2990, 39.5435 by changing the saturation by 10% instead.




 72.1201, 16.2990,  
39.5435


 72.1201, 16.2990,  
39.5435

198.6196, 16.9274,  
72.1179


 60.8421, 15.9045,  
35.2725


 96.5165, 16.8469,  
47.5617


 50.2206, 15.4259,  
30.7876


 109.5736, 17.0214,  
51.3556


 40.3012, 14.8481,  
26.0605


 123.1716, 17.1353,  
55.0320

 31.1376, 14.1569,  
21.4362

 137.2897, 17.1929,  
58.6065

 22.7981, 13.3343,  
15.9586

 151.9094, 17.1979,  
62.0922

 15.3741, 12.3587,  
10.7618

167.0142, 17.1535,

 8.9837, 11.2746,

65.5000

6.2886

182.5888, 17.0625,  
68.8392

0.0000, INF, NaN

0.0000, NaN, NaN

■ 72.1201, 16.2990,  
39.5435

■ 72.1201, 16.2990,  
39.5435

■ 68.9512, 21.2004,  
40.5000

■ 75.4969, 11.8481,  
37.5556

■ 65.9934, 26.5179,  
40.4470

■ 79.0651, 7.8784,  
34.5574


■ 63.6106, 31.3490,  
39.7454


■ 82.8145, 4.3870,  
30.5990

■ 86.7332, 1.3624,  
25.7430

■ 90.8095, -1.2145,

20.0568

 95.0325, -3.3679,  
13.6087

 99.3917, -5.1243,  
6.4639

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.



72.1219, 46.4883, 32.1078



72.1201, 16.2990, 39.5435



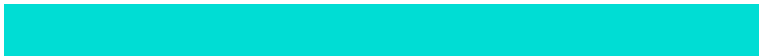
72.1219, -15.0353, 40.2646

# Triad

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



72.1219, 16.2952, 39.5442



72.1219, -53.3530, -7.9399



72.1219, 39.5907, -52.8240

# Complementary

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



72.1201, 16.2990, 39.5435



56.3436, 3.8933, -64.7676

# 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.



72.1219, 8.0570, -76.3886



72.1201, 16.2990, 39.5435



72.1219, -43.3154, -44.0903

# Square

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



72.1219, 16.2952, 39.5442



72.1219, -51.9040, 19.8577



72.1219, -22.0049, -72.6514



72.1219, 61.4225, -16.7492



# Rectangle

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



72.1201, 16.2990, 39.5435



72.1219, -32.1162, 37.4581



72.1219, -22.0049, -72.6514



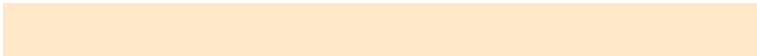
72.1219, 29.5709, -63.0395

# Sweetspot

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



72.1219, 16.2952, 39.5442



90.9642, -1.3019, 19.8306



53.2809, 72.6941, -0.3553



41.5558, -0.2952, 9.9412

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



72.1219, 16.2952, 39.5442



67.5555, 23.6146, 40.5969



95.6949, -27.6931, 54.5763



44.3384, -1.7234, 5.7025



46.3095, 21.9399, 28.9198



15.1861, 5.2829, 9.4501



# Inverse Universe

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



56.3436, 3.8933, -64.7676



49.4420, 11.6578, -82.7821



37.1266, 50.0386, -127.3313



43.2533, -2.7782, -1.1541



32.0733, 14.4891, -71.3667



11.0249, 2.4405, -19.0486



# Previews

## White Background



This preview shows how the HunterLab color 72.1201, 16.2990, 39.5435 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 72.1201, 16.2990, 39.5435 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 72.1201, 16.2990, 39.5435 Background



This preview shows how black text looks on a background with the HunterLab color 72.1201, 16.2990, 39.5435.



This preview shows how white text looks on a background with the HunterLab color 72.1201, 16.2990,



# 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

72.1201, 16.2990, 39.5435

### Protanopia

72.3847, -9.1309, 38.5395

### Deuteranopia

72.2922, 5.4940, 39.7532



## Tritanopia

72.1608, 29.5447, 10.8064

# Trichromacy



**Original Color**

72.1201, 16.2990, 39.5435

**Protanomaly**

71.9122, -0.1274, 38.6724

**Deuteranomaly**

72.1946, 9.5126, 39.6175

**Tritanomaly**

72.0233, 23.3425, 24.6813

# Monochromacy



**Original Color**

72.1201, 16.2990, 39.5435

**Achromatopsia**

70.4935, -3.7614, 3.8300

**Achromatomaly**

70.3763, 1.2948, 20.4780

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 72.1201, 16.2990, 39.5435 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, 174, 73)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 73)  
}
```

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, 174, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 73) }
```

## Border

The CSS property to change the border of an element to HunterLab 72.1201, 16.2990, 39.5435 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, 174, 73) }
```



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

```
.border{ border-color:rgb(255, 174, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 73);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
73) }
```

# Background

The CSS property to change the background color of an element to HunterLab 72.1201, 16.2990, 39.5435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 73) }
```

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

```
.background{ background-color: rgb(255,  
174, 73) }
```

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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