

Converting Colors

HunterLab(71.4964, 16.3079,
41.7441)

Have a look what the booklet for
HunterLab(71.4964, 16.3079,
41.7441) contains.

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Color

**HunterLab(71.4171, 16.4613,
41.6949)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAC33
RGB	255, 172, 51
RGB Percent	100%, 67%, 20%
CMY	0.0000, 0.3255, 0.8000
CMYK	0.00, 0.33, 0.80, 0.00
HSL	36°, 100%, 60%
HSV	36°, 80%, 100%
XYZ	56.5900, 51.0040, 9.9941
YIQ	183.0230, 88.3090, -20.0350

Conversions

Conversions Part 2

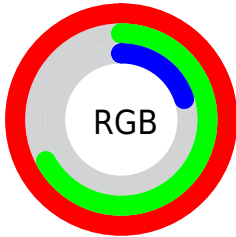
Format	Color
RYB	191, 255, 51
Decimal	16755763
CIELab	76.68, 21.14, 69.58
CIElCh	77, 72.719, 73.099
Yxy	51.0066, 0.4812, 0.4338
Android (android.graphics.Color)	4294945843 (0xFFFFAC33)
YUV	183.0230, -65.0873, 63.1238
Hunter-Lab	71.4171, 16.4613, 41.6949

Details

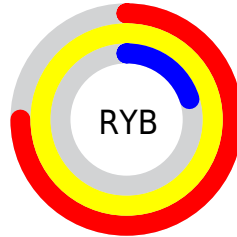
The HunterLab color **71.4171, 16.4613, 41.6949** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **49.9732, 12.3463, -81.2358**, and the grayscale version is **69.0628, -3.6850, 3.7523**.

A 20% lighter version of the original color is **87.8975, -8.8986, 44.6235**, and **49.7699, 15.8670, 30.9457** is the 20% darker color. If you saturate the color by 10%, you get **68.5884, 21.2235, 41.8155**, and if you desaturate by 10%, it is **74.4318, 12.1186, 40.5566**.

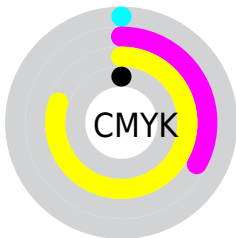
Distribution



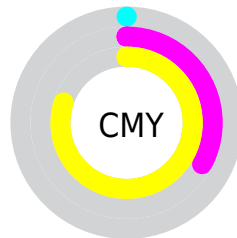
- Red (100%)
- Green (67%)
- Blue (20%)



- Red (75%)
- Yellow (100%)
- Blue (20%)



- Cyan (0%)
- Magenta (33%)
- Yellow (80%)
- Black (0%)





- Cyan (0%)
- Magenta (33%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 71.4171, 16.4613, 41.6949 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 71.4171, 16.4613, 41.6949 by changing the saturation by 10% instead.

 71.4171, 16.4613,
41.6949


 71.4171, 16.4613,
41.6949


197.6334, 17.1820,
78.0072


 60.1780, 16.0536,
36.9125


 95.7416, 17.0331,
50.6741


 49.5978, 15.5609,
31.9011


 108.7651, 17.2187,
54.9169

 39.7226, 14.9679,
26.6673


 122.3309, 17.3431,
59.0225

 30.6069, 14.2601,
21.4248


 136.4179, 17.4108,
63.0079

 22.3201, 13.4193,
15.6241

 151.0077, 17.4255,
66.8875

 14.9553, 12.4241,
10.4687

 166.0834, 17.3905,

 8.6015, 11.4797,

70.6738

6.0210

181.6300, 17.3085,
74.3773

0.0000, INF, NaN

0.0000, NaN, NaN

■ 71.4171, 16.4613,
41.6949

■ 71.4171, 16.4613,
41.6949

■ 68.5884, 21.2235,
41.8155

■ 74.4318, 12.1186,
40.5566

■ 65.9366, 26.3245,
41.0906

■ 77.6216, 8.2427,
38.3718

■ 65.9361, 26.3255,
41.0904

■ 80.9806, 4.8434,
35.1575

■ 84.4999, 1.9196,
30.9549

■ 88.1705, -0.5402,

25.8189

91.9833, -2.5542,
19.8109

95.9294, -4.1446,
12.9943

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.



71.4189, 51.2050, 34.9081



71.4171, 16.4613, 41.6949



71.4189, -18.2003, 42.0354

Triad

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



71.4189, 16.4574, 41.6956



71.4189, -57.5099, -11.8994



71.4189, 47.2510, -59.0346

Complementary

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



71.4171, 16.4613, 41.6949



49.9732, 12.3463, -81.2358

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.



71.4189, 11.8084, -88.6043



71.4171, 16.4613, 41.6949



71.4189, -45.9913, -53.8771

Square

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



71.4189, 16.4574, 41.6956



71.4189, -56.7380, 19.8722



71.4189, -22.0506, -86.3653



71.4189, 71.1614, -16.9388

Rectangle

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



71.4171, 16.4613, 41.6949



71.4189, -36.4751, 39.0697



71.4189, -22.0506, -86.3653



71.4189, 36.0294, -71.4976

Sweetspot

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



71.4189, 16.4574, 41.6956



90.4413, -1.8003, 22.3159



50.4039, 77.7705, 5.0201



41.2155, -0.4954, 11.3042

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.4189, 16.4574, 41.6956



66.9781, 24.2626, 41.4371



94.8344, -31.1603, 55.9325



44.4731, -1.9489, 5.8470



47.9772, 18.3670, 29.8849



15.6716, 4.2994, 9.7321

Inverse Universe

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



49.9732, 12.3463, -81.2358



42.8872, 23.7191, -103.9497



32.8894, 59.7711, -149.2364



43.1174, -2.5536, -1.3213



30.3217, 18.4169, -77.6563



10.5037, 3.4778, -20.6363

Previews

White Background



This preview shows how the HunterLab color 71.4171, 16.4613, 41.6949 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 71.4171, 16.4613, 41.6949 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 71.4171, 16.4613, 41.6949 Background



This preview shows how black text looks on a background with the HunterLab color 71.4171, 16.4613, 41.6949.



This preview shows how white text looks on a background with the HunterLab color 71.4171, 16.4613,

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

71.4171, 16.4613, 41.6949

Protanopia

71.5951, -9.1890, 40.8573

Deuteranopia

71.4374, 5.2029, 41.7897



Tritanopia

71.3485, 30.8858, 10.8024

Trichromacy



Original Color

71.4171, 16.4613, 41.6949

Protanomaly

71.1529, -0.1012, 40.9341

Deuteranomaly

71.3436, 9.2164, 41.7082

Tritanomaly

71.0698, 24.0342, 26.5950

Monochromacy



Original Color

71.4171, 16.4613, 41.6949

Achromatopsia

68.8136, -3.6717, 3.7388

Achromatomaly

68.9527, 0.4537, 22.7868

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.4171, 16.4613, 41.6949 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, 172, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 51)  
}
```

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, 172, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 71.4171, 16.4613, 41.6949 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, 172, 51) }
```


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

```
.border{ border-color:rgb(255, 172, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 172, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.4171, 16.4613, 41.6949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 51) }
```

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

```
.background{ background-color: rgb(255,  
172, 51) }
```

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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