

Converting Colors

HunterLab(71.1448, 16.4485,
42.6987)

Have a look what the booklet for
HunterLab(71.1448, 16.4485,
42.6987) contains.

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Color

**HunterLab(71.0770, 16.5951,
42.6278)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAB25
RGB	255, 171, 37
RGB Percent	100%, 67%, 15%
CMY	0.0000, 0.3294, 0.8549
CMYK	0.00, 0.33, 0.85, 0.00
HSL	37°, 100%, 57%
HSV	37°, 85%, 100%
XYZ	56.1368, 50.5194, 8.5428
YIQ	180.8400, 93.0780, -23.8660

Conversions

Conversions Part 2

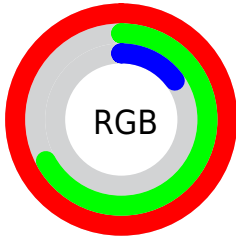
Format	Color
RYB	174, 255, 37
Decimal	16755493
CIELab	76.39, 21.28, 73.67
CIELCh	76, 76.680, 73.885
Yxy	50.5220, 0.4873, 0.4385
Android (android.graphics.Color)	4294945573 (0xFFFFAB25)
YUV	180.8400, -70.9131, 65.0383
Hunter-Lab	71.0770, 16.5951, 42.6278

Details

The HunterLab color **71.0770, 16.5951, 42.6278** is a light color, and the websafe version is hex **FF9900**. The color can be described as light washed orange. A complement of this color would be **46.1386, 18.4923, -92.8196**, and the grayscale version is **68.1707, -3.6374, 3.7038**.

A 20% lighter version of the original color is **87.4733, -9.0225, 46.0772**, and **49.3965, 15.9482, 30.7171** is the 20% darker color. If you saturate the color by 10%, you get **68.4388, 21.2815, 42.2564**, and if you desaturate by 10%, it is **73.8869, 12.2981, 42.0283**.

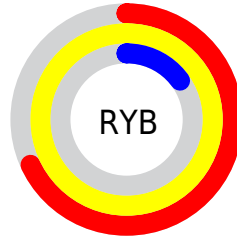
Distribution



Red (100%)

Green (67%)

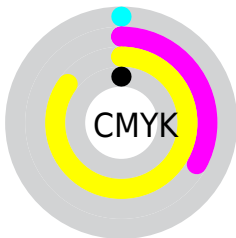
Blue (15%)



Red (68%)

Yellow (100%)

Blue (15%)

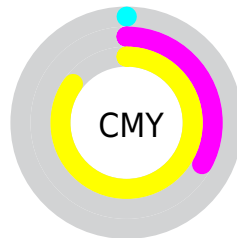


Cyan (0%)

Magenta (33%)

Yellow (85%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.0770, 16.5951, 42.6278 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 71.0770, 16.5951, 42.6278 by changing the saturation by 10% instead.


 71.0770, 16.5951,
42.6278


 71.0770, 16.5951,
42.6278


197.1557, 17.3794,
80.8626


 59.8568, 16.1785,
37.5889

 95.3666, 17.1832,
52.0960


 49.2967, 15.6764,
32.3182


 108.3738, 17.3763,
56.5691


 39.4430, 15.0733,
26.9467

 121.9238, 17.5080,
60.8956

 30.3506, 14.3547,
21.2454

 135.9958, 17.5826,
65.0930

 22.0895, 13.5022,
15.4626

 150.5711, 17.6041,
69.1763

 14.7537, 12.4945,
10.3276

 165.6327, 17.5755,

 8.4098, 11.6561,

73.1585

5.8869

181.1656, 17.4998,
77.0507

0.0000, INF, NaN

0.0000, NaN, NaN

■ 71.0770, 16.5951,
42.6278

■ 71.0770, 16.5951,
42.6278

■ 68.4388, 21.2815,
42.2564

■ 73.8869, 12.2981,
42.0283

■ 67.2970, 23.4828,
41.8792

■ 76.8614, 8.4513,
40.3867

■ 79.9974, 5.0741,
37.6930

■ 83.2882, 2.1728,
33.9700

■ 86.7262, -0.2580,

29.2607

■ 90.3038, -2.2321,
23.6189

■ 94.0129, -3.7683,
17.1041

■ 97.8461, -4.8889,
9.7772

99.9999, -5.3361,
5.4331

Harmonies

Analogous

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



71.0788, 53.7009, 36.1819



71.0770, 16.5951, 42.6278



71.0788, -19.7527, 42.8196

Triad

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



71.0788, 16.5911, 42.6285



71.0788, -59.5687, -13.9410



71.0788, 51.2263, -62.3788

Complementary

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



71.0770, 16.5951, 42.6278



46.1386, 18.4923, -92.8196

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.



71.0788, 13.7048, -95.2074



71.0770, 16.5951, 42.6278



71.0788, -47.3582, -59.1024

Square

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



71.0788, 16.5911, 42.6285



71.0788, -59.1037, 19.9143



71.0788, -22.1171, -93.7750



71.0788, 76.2712, -17.0917

Rectangle

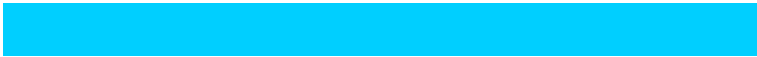
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.0770, 16.5951, 42.6278



71.0788, -38.6142, 39.8253



71.0788, -22.1171, -93.7750



71.0788, 39.3603, -76.0558

Sweetspot

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



71.0788, 16.5911, 42.6285



90.1176, -2.1417, 23.9298



49.0344, 80.0141, 8.4769



41.1132, -0.6943, 12.0151

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.0788, 16.5911, 42.6285



67.2972, 23.4829, 41.8794



94.3453, -33.1130, 56.4551



44.5492, -2.0760, 5.9284



48.9518, 16.3466, 30.4500



15.9530, 3.7452, 9.8958

Inverse Universe

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



46.1386, 18.4923, -92.8196



40.0029, 30.1312, -115.0449



30.7691, 65.1021, -162.2019



43.0409, -2.4268, -1.4157



29.3745, 20.6614, -81.3175



10.2178, 4.0722, -21.5621

Previews

White Background



This preview shows how the HunterLab color 71.0770, 16.5951, 42.6278 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 71.0770, 16.5951, 42.6278 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 71.0770, 16.5951, 42.6278 Background



This preview shows how black text looks on a background with the HunterLab color 71.0770, 16.5951, 42.6278.



This preview shows how white text looks on a background with the HunterLab color 71.0770, 16.5951,

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

71.0770, 16.5951, 42.6278

Protanopia

71.1051, -9.5423, 41.8211

Deuteranopia

71.0786, 5.2981, 42.7512



Tritanopia

71.0433, 31.1510, 11.3274

Trichromacy



Original Color

71.0770, 16.5951, 42.6278

Protanomaly

70.7835, -0.0373, 41.9343

Deuteranomaly

70.9924, 9.3314, 42.6447

Tritanomaly

70.7020, 24.0016, 27.9955

Monochromacy



Original Color

71.0770, 16.5951, 42.6278

Achromatopsia

67.9762, -3.6270, 3.6933

Achromatomaly

68.1463, 0.4412, 23.9294

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.0770, 16.5951, 42.6278 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, 171, 37)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 37)  
}
```

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, 171, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 71.0770, 16.5951, 42.6278 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, 171, 37) }
```


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

```
.border{ border-color:rgb(255, 171, 37) }
```

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

Here you see how a box with a 4 pixel rgb(255, 171, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 37);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
37) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.0770, 16.5951, 42.6278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 37) }
```

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

```
.background{ background-color: rgb(255,  
171, 37) }
```

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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