

Converting Colors

HunterLab(72.6683, 4.9995,
42.3100)

Have a look what the booklet for
HunterLab(72.6683, 4.9995,
42.3100) contains.

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Color

**HunterLab(72.6683, 4.9995,
42.3100)**

Conversions

Conversions Part 1

Format	Color
Hex	F1B733
RGB	241, 183, 51
RGB Percent	95%, 72%, 20%
CMY	0.0549, 0.2823, 0.8000
CMYK	0.00, 0.24, 0.79, 0.05
HSL	42°, 87%, 57%
HSV	42°, 79%, 95%
XYZ	53.8067, 52.8068, 10.4888
YIQ	185.2940, 76.9400, -28.7560

Conversions

Conversions Part 2

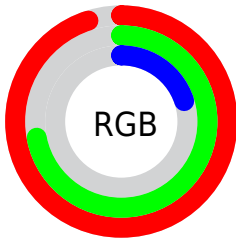
Format	Color
R_{YB}	134, 241, 51
Decimal	15841075
CIE _{Lab}	77.76, 9.48, 69.97
CIE _{LCh}	78, 70.613, 82.288
Yxy	52.8094, 0.4595, 0.4509
Android (android.graphics.Color)	4294031155 (0xFFFF1B733)
YUV	185.2940, -66.2069, 48.8542
Hunter-Lab	72.6683, 4.9995, 42.3100

Details

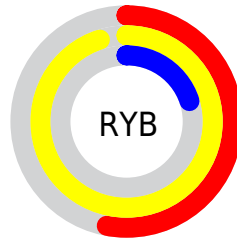
The HunterLab color **72.6683, 4.9995, 42.3100** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **42.4165, 21.3451, -89.8128**, and the grayscale version is **70.0242, -3.7363, 3.8046**.

A 20% lighter version of the original color is **91.6928, -14.8221, 47.0674**, and **50.6642, 5.7772, 31.3202** is the 20% darker color. If you saturate the color by 10%, you get **70.4934, 8.1289, 42.7127**, and if you desaturate by 10%, it is **74.9629, 2.2588, 40.9515**.

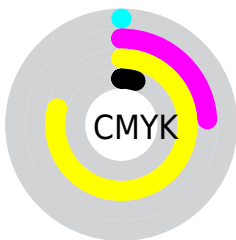
Distribution



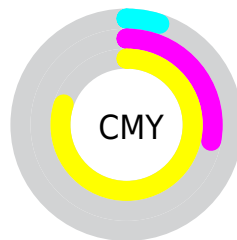
- Red (95%)
- Green (72%)
- Blue (20%)



- Red (53%)
- Yellow (95%)
- Blue (20%)



- Cyan (0%)
- Magenta (24%)
- Yellow (79%)
- Black (5%)



- Cyan (5%)
- Magenta (28%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 72.6683, 4.9995, 42.3100 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 72.6683, 4.9995, 42.3100 by changing the saturation by 10% instead.


 72.6683, 4.9995,
42.3100

 72.6683, 4.9995,
42.3100

199.3875, 1.6374,
78.6886


 61.3601, 5.1367,
37.5264

 97.1205, 4.5512,
51.2970


 50.7067, 5.2154,
32.5159

 110.2036, 4.2557,
55.5458


 40.7530, 5.2245,
27.2684

 123.8266, 3.9159,
59.6586

 31.5523, 5.1540,
22.0866

 137.9688, 3.5347,
63.6520

 23.1720, 4.9899,
16.2204

 152.6118, 3.1143,
67.5403

 15.7023, 4.7116,
10.9916

 167.7390, 2.6568,

 9.2701, 4.2925,

71.3358

6.4890

183.3355, 2.1640,
75.0489

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.6683, 4.9995,
42.3100

■ 72.6683, 4.9995,
42.3100

■ 70.4934, 8.1289,
42.7127

■ 74.9629, 2.2588,
40.9515

■ 68.4258, 11.5954,
42.2969

■ 77.3726, -0.0557,
38.5906


■ 68.1901, 12.0083,
42.2286


■ 79.8980, -1.9353,
35.2189


■ 82.5365, -3.3780,
30.8505


■ 85.2848, -4.3893,

25.5148

 88.1390, -4.9800,
19.2513

 91.0949, -5.1650,
12.1053

 94.1482, -4.9612,
4.1255

 96.8519, -6.8139,
1.6443

Harmonies

Analogous

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



72.6701, 40.0244, 37.7190



72.6683, 4.9995, 42.3100



72.6701, -26.8025, 40.9454

Triad

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



72.6701, 4.9960, 42.3106



72.6701, -54.5316, -23.4350



72.6701, 54.6343, -44.5909

Complementary

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



72.6683, 4.9995, 42.3100



42.4165, 21.3451, -89.8128

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.



72.6701, 22.2879, -79.0143



72.6683, 4.9995, 42.3100



72.6701, -39.3375, -63.4177

Square

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



72.6701, 4.9960, 42.3106



72.6701, -57.4733, 11.7314



72.6701, -12.3521, -87.1370



72.6701, 71.8861, -4.7873

Rectangle

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



72.6683, 4.9995, 42.3100



72.6701, -42.4526, 36.3210



72.6701, -12.3521, -87.1370



72.6701, 44.9136, -57.8006

Sweetspot

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



72.6701, 4.9960, 42.3106



92.3695, -5.0351, 24.1442



47.1383, 70.2572, 11.2988



42.2349, -2.2106, 12.2423

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.6701, 4.9960, 42.3106



73.7288, 11.0230, 45.3249



87.3470, -35.2440, 51.0795



41.9491, -2.3835, 5.8081



50.4624, 8.3762, 31.2414



15.1431, 1.3328, 9.3544

Inverse Universe

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



42.4165, 21.3451, -89.8128



37.5106, 37.1230, -125.7751



32.6951, 56.8004, -129.7696



40.0194, -1.8322, -1.6274



25.0525, 27.5940, -90.8809



8.3141, 5.1728, -21.5585

Previews

White Background



This preview shows how the HunterLab color 72.6683, 4.9995, 42.3100 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 72.6683, 4.9995, 42.3100 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 72.6683, 4.9995, 42.3100 Background



This preview shows how black text looks on a background with the HunterLab color 72.6683, 4.9995, 42.3100.



This preview shows how white text looks on a background with the HunterLab color 72.6683, 4.9995,

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

72.6683, 4.9995, 42.3100

Protanopia

72.8047, -9.5893, 41.8518

Deuteranopia

72.7896, 5.4064, 42.3961



Tritanopia

72.6128, 26.0307, 8.1722

Trichromacy



Original Color

72.6683, 4.9995, 42.3100

Protanomaly

72.5671, -4.2695, 41.8888

Deuteranomaly

72.7896, 5.4064, 42.3961

Tritanomaly

72.1321, 16.7527, 25.5951

Monochromacy



Original Color

72.6683, 4.9995, 42.3100

Achromatopsia

69.6527, -3.7165, 3.7844

Achromatomaly

70.0269, -3.3517, 23.3704

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.6683, 4.9995, 42.3100 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(241, 183, 51)` looks like.

```
.text, #text, p{  
    color:rgb(241, 183, 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(241, 183, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 183, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 72.6683, 4.9995, 42.3100 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(241, 183, 51) }
```


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

```
.border{ border-color:rgb(241, 183, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 183, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 183, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 183, 51);  
box-shadow:4px 4px 4px 4px rgb(241, 183,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.6683, 4.9995, 42.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 183, 51) }
```

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

```
.background{ background-color: rgb(241,  
183, 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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