

Converting Colors

HunterLab(71.6333, 13.1817,
44.2509)

Have a look what the booklet for
HunterLab(71.6333, 13.1817,
44.2509) contains.

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Color

**HunterLab(71.6703, 12.8092,
44.2684)**

Conversions

Conversions Part 1

Format	Color
Hex	FCAF05
RGB	252, 175, 5
RGB Percent	99%, 69%, 2%
CMY	0.0118, 0.3137, 0.9803
CMYK	0.00, 0.31, 0.98, 0.01
HSL	41°, 98%, 50%
HSV	41°, 98%, 99%
XYZ	55.5022, 51.3663, 7.1330
YIQ	178.6430, 100.4620, -36.5460

Conversions

Conversions Part 2

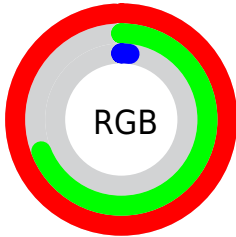
Format	Color
RYB	117, 252, 5
Decimal	16559877
CIELab	76.90, 17.48, 79.55
CIELCh	77, 81.447, 77.604
Yxy	51.3689, 0.4868, 0.4506
Android (android.graphics.Color)	4294749957 (0xFFFCAF05)
YUV	178.6430, -85.6060, 64.3341
Hunter-Lab	71.6703, 12.8092, 44.2684

Details

The HunterLab color **71.6703, 12.8092, 44.2684** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **36.1891, 38.5300, -127.9081**, and the grayscale version is **67.3100, -3.5915, 3.6571**.

A 20% lighter version of the original color is **88.5879, -11.7698, 48.9043**, and **49.9847, 12.7645, 31.0238** is the 20% darker color. If you saturate the color by 10%, you get **71.2409, 13.5696, 44.1359**, and if you desaturate by 10%, it is **73.8921, 9.0757, 44.6936**.

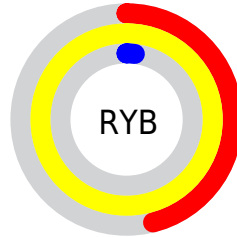
Distribution



Red (99%)

Green (69%)

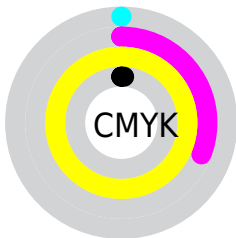
Blue (2%)



Red (46%)

Yellow (99%)

Blue (2%)

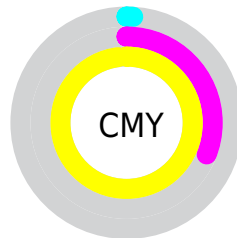


Cyan (0%)

Magenta (31%)

Yellow (98%)

Black (1%)



Cyan (1%)


Magenta (31%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 71.6703, 12.8092, 44.2684 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 71.6703, 12.8092, 44.2684 by changing the saturation by 10% instead.


 71.6703, 12.8092,
44.2684


 71.6703, 12.8092,
44.2684


197.9888, 12.2733,
85.1548


 60.4171, 12.5675,
38.8904


 96.0208, 13.0687,
54.3961


 49.8221, 12.2482,
33.2839


 109.0564, 13.1064,
59.1844


 39.9309, 11.8368,
27.8149


 122.6338, 13.0880,
63.8154

 30.7979, 11.3195,
21.5585

 136.7320, 13.0174,
68.3066

 22.4920, 10.6782,
15.7444

 151.3326, 12.8979,
72.6736

 15.1059, 9.8887,
10.5741

 166.4188, 12.7325,

 8.7412, 9.0646,

76.9297

6.1189

181.9755, 12.5235,
81.0867

0.0000, INF, NaN

0.0000, NaN, NaN

■ 71.6703, 12.8092,
44.2684

■ 71.6703, 12.8092,
44.2684

■ 71.2409, 13.5696,
44.1359

■ 73.8921, 9.0757,
44.6936

■ 76.2325, 5.7113,
44.2221

■ 78.6985, 2.7687,
42.7340

■ 81.2907, 0.2753,
40.1869

■ 84.0071, -1.7573,

36.5750

■ 86.8448, -3.3278,
31.9165

■ 89.7998, -4.4433,
26.2450

■ 92.8678, -5.1160,
19.6043

■ 96.0441, -5.3622,
12.0439

Harmonies

Analogous

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



71.6721, 53.3735, 38.9022



71.6703, 12.8092, 44.2684



71.6721, -24.9156, 43.8384

Triad

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



71.6721, 12.8053, 44.2690



71.6721, -61.7254, -20.8957



71.6721, 59.6086, -61.8688

Complementary

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



71.6703, 12.8092, 44.2684



36.1891, 38.5300, -127.9081

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.



71.6721, 20.0200, -101.2491



71.6703, 12.8092, 44.2684



71.6721, -47.3084, -70.2463

Square

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



71.6721, 12.8053, 44.2690



71.6721, -62.8525, 17.4593



71.6721, -19.0706, -104.9372



71.6721, 83.9876, -12.9645

Rectangle

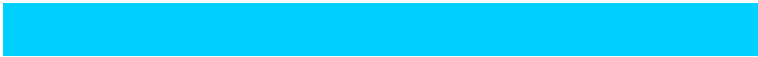
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.6703, 12.8092, 44.2684



71.6721, -43.7161, 40.3178



71.6721, -19.0706, -104.9372



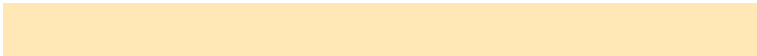
71.6721, 47.2980, -77.5677

Sweetspot

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



71.6721, 12.8053, 44.2690



90.7094, -4.4101, 27.2260



46.2950, 80.0335, 19.3879



41.3706, -1.8338, 13.7682

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.6721, 12.8053, 44.2690



72.1930, 13.7789, 44.7262



91.0254, -40.6715, 55.2835



43.8456, -2.4555, 6.0655



51.6845, 9.2869, 32.0103



16.3189, 1.7311, 10.0859

Inverse Universe

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



36.1891, 38.5300, -127.9081



35.8931, 41.0333, -133.4424



27.9693, 72.0251, -176.7292



41.8637, -1.9512, -1.6926



26.0210, 27.9162, -92.7870



8.9859, 5.7659, -23.6785

Previews

White Background



This preview shows how the HunterLab color 71.6703, 12.8092, 44.2684 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 71.6703, 12.8092, 44.2684 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 71.6703, 12.8092, 44.2684 Background



This preview shows how black text looks on a background with the HunterLab color 71.6703, 12.8092, 44.2684.



This preview shows how white text looks on a background with the HunterLab color 71.6703, 12.8092,

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

71.6703, 12.8092, 44.2684

Protanopia

71.9369, -9.8711, 43.7173

Deuteranopia

71.6542, 5.6308, 44.2516



Tritanopia

71.6274, 30.4847, 10.6707

Trichromacy



Original Color

71.6703, 12.8092, 44.2684

Protanomaly

71.5688, -1.9956, 43.7500

Deuteranomaly

71.5944, 8.3147, 44.2142

Tritanomaly

71.1770, 21.1410, 30.9681

Monochromacy



Original Color

71.6703, 12.8092, 44.2684

Achromatopsia

67.1406, -3.5825, 3.6479

Achromatomaly

67.9879, -2.0763, 27.4483

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.6703, 12.8092, 44.2684 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(252, 175, 5)` looks like.

```
.text, #text, p{  
    color:rgb(252, 175, 5)  
}
```

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(252, 175, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 175, 5) }
```

Border

The CSS property to change the border of an element to HunterLab 71.6703, 12.8092, 44.2684 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(252, 175, 5) }
```


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

```
.border{ border-color:rgb(252, 175, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 175, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 175, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 175, 5);  
box-shadow:4px 4px 4px 4px rgb(252, 175,  
5) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.6703, 12.8092, 44.2684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 175, 5) }
```

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

```
.background{ background-color: rgb(252,  
175, 5) }
```

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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