

Converting Colors

HunterLab(71.5529, 15.4664,
37.4746)

Have a look what the booklet for
HunterLab(71.5529, 15.4664,
37.4746) contains.

HunterLab(71.4398, 15.7205, 37.3351)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(71.4398, 15.7205,
37.3351)**

Conversions

Conversions Part 1

Format	Color
Hex	FBAD54
RGB	251, 173, 84
RGB Percent	98%, 68%, 33%
CMY	0.0157, 0.3215, 0.6706
CMYK	0.00, 0.31, 0.67, 0.02
HSL	32°, 95%, 66%
HSV	32°, 67%, 98%
XYZ	56.3274, 51.0365, 15.2697
YIQ	186.1760, 75.0570, -11.1430

Conversions

Conversions Part 2

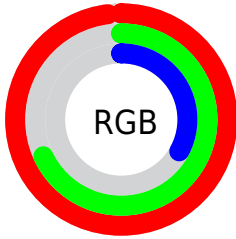
Format	Color
RYB	230, 251, 84
Decimal	16493908
CIELab	76.70, 20.40, 55.92
CIELCh	77, 59.527, 69.954
Yxy	51.0390, 0.4593, 0.4162
Android (android.graphics.Color)	4294683988 (0xFFFBAD54)
YUV	186.1760, -50.3728, 56.8506
Hunter-Lab	71.4398, 15.7205, 37.3351

Details

The HunterLab color **71.4398, 15.7205, 37.3351** is a light color, and the websafe version is hex **FF9933**. The color can be described as light muted orange. A complement of this color would be **58.8971, -0.0615, -55.5840**, and the grayscale version is **70.3311, -3.7527, 3.8212**.

A 20% lighter version of the original color is **88.9409, -7.5843, 38.8953**, and **49.7200, 14.6613, 29.3481** is the 20% darker color. If you saturate the color by 10%, you get **68.1272, 20.5988, 38.7509**, and if you desaturate by 10%, it is **74.9668, 11.2943, 34.9266**.

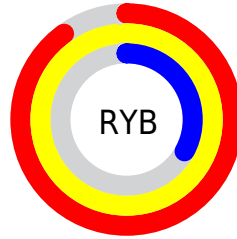
Distribution



Red (98%)

Green (68%)

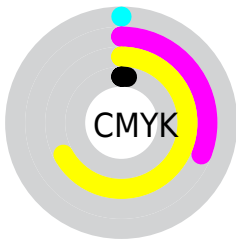
Blue (33%)



Red (90%)

Yellow (98%)

Blue (33%)

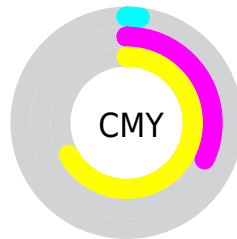


Cyan (0%)

Magenta (31%)

Yellow (67%)

Black (2%)



Cyan (2%)


Magenta (32%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 71.4398, 15.7205, 37.3351 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 71.4398, 15.7205, 37.3351 by changing the saturation by 10% instead.


 71.4398, 15.7205,
37.3351


 71.4398, 15.7205,
37.3351


197.6652, 16.1911,
67.3684


 60.1994, 15.3459,
33.4126


 95.7666, 16.2305,
44.7015


 49.6179, 14.8875,
29.2897


 108.7912, 16.3866,
48.1909


 39.7413, 14.3303,
24.9329

 122.3580, 16.4826,
51.5761

 30.6240, 13.6599,
20.4406

 136.4461, 16.5227,
54.8716

 22.3355, 12.8581,
15.6348

 151.0368, 16.5107,
58.0892

 14.9688, 11.9024,
10.4782

166.1135, 16.4496,

 8.6141, 10.9856,

61.2391

6.0299

181.6609, 16.3423,
64.3298

0.0000, INF, NaN

0.0000, NaN, NaN

■ 71.4398, 15.7205,
37.3351

■ 71.4398, 15.7205,
37.3351

■ 68.1272, 20.5988,
38.7509

■ 74.9668, 11.2943,
34.9266

■ 65.0359, 25.9055,
39.1622

■ 78.6892, 7.3424,
31.5667

■ 62.1765, 31.5664,
38.6272


■ 82.5951, 3.8558,
27.3177


■ 61.2350, 33.5676,
38.3204

■ 86.6711, 0.8188,
22.2480

■ 90.9045, -1.7913,

16.4276

 95.2837, -4.0006,
9.9239

 99.6238, -6.6467,
4.9667

Harmonies

Analogous

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



71.4416, 42.6316, 29.6968



71.4398, 15.7205, 37.3351



71.4416, -12.9404, 38.3019

Triad

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



71.4416, 15.7168, 37.3359



71.4416, -49.7246, -5.6044



71.4416, 34.4048, -47.9633

Complementary

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



71.4398, 15.7205, 37.3351



58.8971, -0.0615, -55.5840

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.



71.4416, 5.7911, -67.7612



71.4398, 15.7205, 37.3351



71.4416, -40.7790, -37.7481

Square

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



71.4416, 15.7168, 37.3359



71.4416, -47.9146, 19.3932



71.4416, -21.4520, -63.4322



71.4416, 54.5267, -16.1256

Rectangle

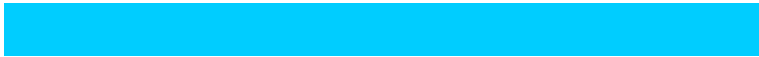
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.4398, 15.7205, 37.3351



71.4416, -28.9012, 35.6787



71.4416, -21.4520, -63.4322



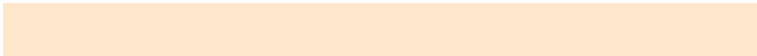
71.4416, 25.2934, -56.7157

Sweetspot

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



71.4416, 15.7168, 37.3359



91.0347, -0.9458, 18.8725



54.3658, 68.1052, -3.9824



41.5556, -0.0924, 9.5039

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.4416, 15.7168, 37.3359



68.2245, 22.8351, 39.7175



94.6731, -24.4866, 52.6554



43.3095, -1.5609, 5.4920



44.7268, 23.5921, 27.9735



14.3704, 5.5341, 8.9518

Inverse Universe

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



58.8971, -0.0615, -55.5840



53.4473, 5.7791, -71.9149



39.1432, 43.1939, -113.3643



42.4022, -2.8441, -1.0278



32.6522, 12.0292, -66.7800



10.9429, 1.6786, -17.3014

Previews

White Background



This preview shows how the HunterLab color 71.4398, 15.7205, 37.3351 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 71.4398, 15.7205, 37.3351 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 71.4398, 15.7205, 37.3351 Background



This preview shows how black text looks on a background with the HunterLab color 71.4398, 15.7205, 37.3351.



This preview shows how white text looks on a background with the HunterLab color 71.4398, 15.7205,

37.3351.

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

71.4398, 15.7205, 37.3351

Protanopia

71.5890, -8.6021, 36.1347

Deuteranopia

71.3540, 5.4776, 37.4309



Tritanopia

71.3761, 31.0238, 10.4056

Trichromacy



Original Color

71.4398, 15.7205, 37.3351

Protanomaly

71.3979, -0.1625, 36.5045

Deuteranomaly

71.2528, 9.4820, 37.2620

Tritanomaly

71.1979, 24.9511, 22.6683

Monochromacy



Original Color

71.4398, 15.7205, 37.3351

Achromatopsia

70.0729, -3.7389, 3.8072

Achromatomaly

69.9423, 1.4468, 19.0202

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.4398, 15.7205, 37.3351 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(251, 173, 84)` looks like.

```
.text, #text, p{  
    color:rgb(251, 173, 84)  
}
```

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(251, 173, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 173, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 71.4398, 15.7205, 37.3351 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(251, 173, 84) }
```


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

```
.border{ border-color:rgb(251, 173, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 173, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 173, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 173, 84);  
box-shadow:4px 4px 4px 4px rgb(251, 173,  
84) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.4398, 15.7205, 37.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 173, 84) }
```

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

```
.background{ background-color: rgb(251,  
173, 84) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor