

Converting Colors

HunterLab(78.8907, 38.0737,
44.9906)

Have a look what the booklet for
HunterLab(78.8907, 38.0737,
44.9906) contains.

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Color

**HunterLab(71.8170, 16.6335,
39.8963)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAD45
RGB	255, 173, 69
RGB Percent	100%, 68%, 27%
CMY	0.0000, 0.3215, 0.7294
CMYK	0.00, 0.32, 0.73, 0.00
HSL	34°, 100%, 64%
HSV	34°, 73%, 100%
XYZ	57.2578, 51.5768, 12.5678
YIQ	185.6620, 82.2560, -14.9600

Conversions

Conversions Part 2

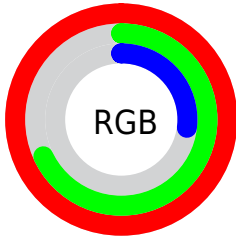
Format	Color
R _Y B	216, 255, 69
Decimal	16756037
CIE Lab	77.03, 21.30, 63.01
CIE LCh	77, 66.515, 71.325
Yxy	51.5794, 0.4716, 0.4248
Android (android.graphics.Color)	4294946117 (0xFFFFAD45)
YUV	185.6620, -57.5144, 60.8094
Hunter-Lab	71.8170, 16.6335, 39.8963

Details

The HunterLab color **71.8170, 16.6335, 39.8963** 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 **55.3328, 5.0115, -67.1896**, and the grayscale version is **70.1420, -3.7426, 3.8109**.

A 20% lighter version of the original color is **88.4177, -8.2478, 41.7725**, and **50.0188, 15.4092, 30.9890** is the 20% darker color. If you saturate the color by 10%, you get **68.6996, 21.5483, 40.6950**, and if you desaturate by 10%, it is **75.1407, 12.1644, 38.0647**.

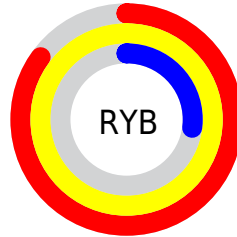
Distribution



Red (100%)

Green (68%)

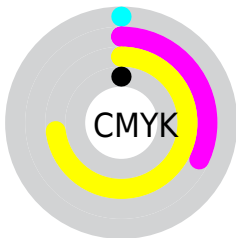
Blue (27%)



Red (85%)

Yellow (100%)

Blue (27%)

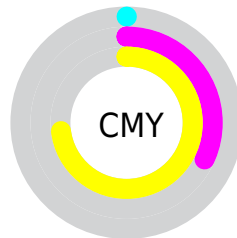


Cyan (0%)

Magenta (32%)

Yellow (73%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 71.8170, 16.6335, 39.8963 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 71.8170, 16.6335, 39.8963 by changing the saturation by 10% instead.


 71.8170, 16.6335,
39.8963


 71.8170, 16.6335,
39.8963


198.1946, 17.3900,
73.1489


 60.5557, 16.2217,
35.5304


 96.1825, 17.2136,
48.0910


 49.9520, 15.7250,
30.9465


 109.2251, 17.4032,
51.9666


 40.0516, 15.1281,
26.1186


 122.8092, 17.5317,
55.7209

 30.9086, 14.4166,
21.5248


 136.9139, 17.6034,
59.3698

 22.5918, 13.5725,
15.8142

 151.5208, 17.6221,
62.9265

 15.1932, 12.5747,
10.6353

166.6130, 17.5909,

 8.8211, 11.5253,

66.4025

6.1748

182.1756, 17.5127,
69.8072

0.0000, INF, NaN

0.0000, NaN, NaN

■ 71.8170, 16.6335,
39.8963

■ 71.8170, 16.6335,
39.8963

■ 68.6996, 21.5483,
40.6950

■ 75.1407, 12.1644,
38.0647

■ 65.7907, 26.8705,
40.4945

■ 78.6548, 8.1749,
35.2145


■ 63.8603, 30.7991,
39.8896


■ 82.3498, 4.6644,
31.3915

■ 86.2138, 1.6230,
26.6557

■ 90.2356, -0.9673,

21.0736

 94.4042, -3.1299,
14.7129

 98.7095, -4.8906,
7.6391

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.



71.8188, 47.6086, 32.5197



71.8170, 16.6335, 39.8963



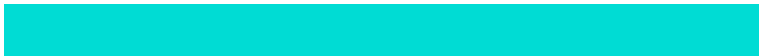
71.8188, -15.3592, 40.5867

Triad

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



71.8188, 16.6296, 39.8970



71.8188, -54.1451, -8.3648



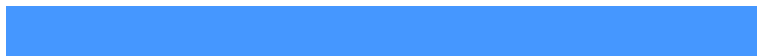
71.8188, 40.7493, -54.2991

Complementary

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



71.8170, 16.6335, 39.8963



55.3328, 5.0115, -67.1896

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.



71.8188, 8.4630, -78.7642



71.8170, 16.6335, 39.8963



71.8188, -43.9353, -45.5611

Square

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



71.8188, 16.6296, 39.8970



71.8188, -52.7251, 20.0351



71.8188, -22.2389, -75.0141



71.8188, 63.1072, -17.1218

Rectangle

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



71.8170, 16.6335, 39.8963



71.8188, -32.7193, 37.7887



71.8188, -22.2389, -75.0141



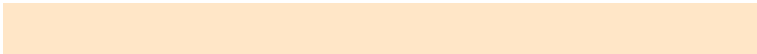
71.8188, 30.4846, -64.8804

Sweetspot

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



71.8188, 16.6296, 39.8970



90.6215, -1.1884, 20.5081



52.7320, 73.9017, 0.0471



41.4125, -0.2499, 10.2344

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.8188, 16.6296, 39.8970



67.2012, 24.1958, 40.7132



95.6492, -27.9166, 54.9595



44.3532, -1.7482, 5.7184



46.4887, 21.5486, 29.0234



15.2385, 5.1750, 9.4805

Inverse Universe

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



55.3328, 5.0115, -67.1896



48.3151, 13.4350, -86.0914



36.2066, 51.7303, -131.7075



43.2383, -2.7535, -1.1724



31.8767, 14.9167, -72.0439



10.9668, 2.5533, -19.2195

Previews

White Background



This preview shows how the HunterLab color 71.8170, 16.6335, 39.8963 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 71.8170, 16.6335, 39.8963 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 71.8170, 16.6335, 39.8963 Background



This preview shows how black text looks on a background with the HunterLab color 71.8170, 16.6335, 39.8963.



This preview shows how white text looks on a background with the HunterLab color 71.8170, 16.6335,

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

71.8170, 16.6335, 39.8963

Protanopia

72.0431, -8.8628, 38.9058

Deuteranopia

71.8458, 5.3690, 40.1116



Tritanopia

71.8798, 29.9456, 10.9361

Trichromacy



Original Color

71.8170, 16.6335, 39.8963

Protanomaly

71.5841, 0.1671, 39.0348

Deuteranomaly

71.7490, 9.3841, 39.9876

Tritanomaly

71.7231, 23.6677, 25.0455

Monochromacy



Original Color

71.8170, 16.6335, 39.8963

Achromatopsia

70.0729, -3.7389, 3.8072

Achromatomaly

69.9141, 1.0835, 21.0620

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.8170, 16.6335, 39.8963 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, 173, 69)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 69)  
}
```

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, 173, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 69) }
```

Border

The CSS property to change the border of an element to HunterLab 71.8170, 16.6335, 39.8963 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, 173, 69) }
```


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

```
.border{ border-color:rgb(255, 173, 69) }
```

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

Here you see how a box with a 4 pixel rgb(255, 173, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 69);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
69) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.8170, 16.6335, 39.8963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 69) }
```

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

```
.background{ background-color: rgb(255,  
173, 69) }
```

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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