

Converting Colors

HunterLab(75.6507, 29.7201,
44.2707)

Have a look what the booklet for
HunterLab(75.6507, 29.7201,
44.2707) contains.

HunterLab(71.4429, 16.5951, 41.3137)	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(71.4429, 16.5951,
41.3137)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAC37
RGB	255, 172, 55
RGB Percent	100%, 67%, 22%
CMY	0.0000, 0.3255, 0.7843
CMYK	0.00, 0.33, 0.78, 0.00
HSL	35°, 100%, 61%
HSV	35°, 78%, 100%
XYZ	56.6821, 51.0409, 10.4789
YIQ	183.4790, 87.0250, -18.7910

Conversions

Conversions Part 2

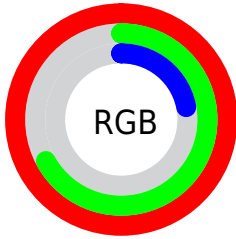
Format	Color
RYB	197, 255, 55
Decimal	16755767
CIELab	76.71, 21.27, 68.18
CIELCh	77, 71.422, 72.672
Yxy	51.0435, 0.4795, 0.4318
Android (android.graphics.Color)	4294945847 (0xFFFFAC37)
YUV	183.4790, -63.3401, 62.7239
Hunter-Lab	71.4429, 16.5951, 41.3137

Details

The HunterLab color **71.4429, 16.5951, 41.3137** 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 **51.1939, 10.5275, -77.8389**, and the grayscale version is **69.2474, -3.6949, 3.7623**.

A 20% lighter version of the original color is **87.9340, -8.6967, 44.0858**, and **49.7699, 15.8670, 30.9457** is the 20% darker color. If you saturate the color by 10%, you get **68.5491, 21.4013, 41.5804**, and if you desaturate by 10%, it is **74.5279, 12.2152, 40.0219**.

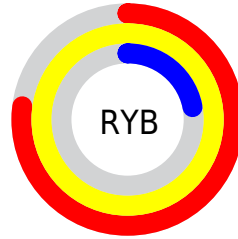
Distribution



Red (100%)

Green (67%)

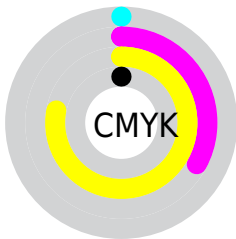
Blue (22%)



Red (77%)

Yellow (100%)

Blue (22%)

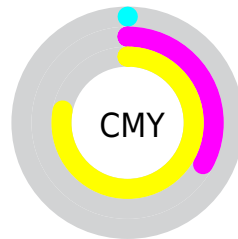


Cyan (0%)

Magenta (33%)

Yellow (78%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 71.4429, 16.5951, 41.3137 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 71.4429, 16.5951, 41.3137 by changing the saturation by 10% instead.


 71.4429, 16.5951,
41.3137

 71.4429, 16.5951,
41.3137


197.6696, 17.3593,
76.9788


 60.2023, 16.1817,
36.6181


 95.7701, 17.1777,
50.1281


 49.6207, 15.6832,
31.6952


 108.7948, 17.3683,
54.2933


 39.7438, 15.0840,
26.5331

 122.3617, 17.4976,
58.3246

 30.6263, 14.3699,
21.4384

 136.4499, 17.5701,
62.2387

 22.3376, 13.5226,
15.6363

 151.0408, 17.5895,
66.0498

 14.9707, 12.5208,
10.4795

166.1176, 17.5590,

 8.6158, 11.5630,

69.7702

6.0311

181.6652, 17.4814,
73.4102

0.0000, INF, NaN

0.0000, NaN, NaN

■ 71.4429, 16.5951,
41.3137

■ 71.4429, 16.5951,
41.3137

■ 68.5491, 21.4013,
41.5804

■ 74.5279, 12.2152,
40.0219

■ 65.8419, 26.5724,
40.9331

■ 77.7920, 8.3059,
37.6870

■ 65.4312, 27.3980,
40.7980

■ 81.2283, 4.8744,
34.3334

■ 84.8273, 1.9175,
30.0072

■ 88.5793, -0.5777,

24.7666

■ 92.4749, -2.6308,
18.6748

■ 96.5047, -4.2650,
11.7964

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.



71.4447, 50.5270, 34.3853



71.4429, 16.5951, 41.3137



71.4447, -17.5224, 41.7349

Triad

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



71.4447, 16.5912, 41.3144



71.4447, -56.8131, -11.0475



71.4447, 45.7909, -58.1410

Complementary

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



71.4429, 16.5951, 41.3137



51.1939, 10.5275, -77.8389

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.



71.4447, 11.0086, -86.5535



71.4429, 16.5951, 41.3137



71.4447, -45.5987, -51.9926

Square

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



71.4447, 16.5912, 41.3144



71.4447, -55.8773, 19.9618



71.4447, -22.1620, -83.8904



71.4447, 69.4187, -17.0856

Rectangle

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



71.4429, 16.5951, 41.3137



71.4447, -35.6260, 38.8126



71.4447, -22.1620, -83.8904



71.4447, 34.7650, -70.1878

Sweetspot

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



71.4447, 16.5912, 41.3144



90.2881, -1.5404, 22.1694



50.8304, 76.8605, 4.4718



41.1346, -0.3575, 11.2291

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.4447, 16.5912, 41.3144



67.0189, 24.2471, 41.3114



94.8842, -30.9345, 55.6668



44.4444, -1.9009, 5.8162



47.6153, 19.1295, 29.6752



15.5667, 4.5089, 9.6711

Inverse Universe

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



51.1939, 10.5275, -77.8389



44.1959, 21.0280, -99.3173



33.6420, 58.1967, -144.9850



43.1463, -2.6015, -1.2857



30.6873, 17.5742, -76.2940



10.6132, 3.2550, -20.2922

Previews

White Background



This preview shows how the HunterLab color 71.4429, 16.5951, 41.3137 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 71.4429, 16.5951, 41.3137 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 71.4429, 16.5951, 41.3137 Background



This preview shows how black text looks on a background with the HunterLab color 71.4429, 16.5951, 41.3137.



This preview shows how white text looks on a background with the HunterLab color 71.4429, 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

71.4429, 16.5951, 41.3137

Protanopia

71.5194, -9.4013, 40.3613

Deuteranopia

71.4616, 5.3322, 41.4322



Tritanopia

71.3485, 30.8858, 10.8024

Trichromacy



Original Color

71.4429, 16.5951, 41.3137

Protanomaly

71.1804, 0.0480, 40.5275

Deuteranomaly

71.3684, 9.3473, 41.3424

Tritanomaly

71.0888, 24.1308, 26.3182

Monochromacy



Original Color

71.4429, 16.5951, 41.3137

Achromatopsia

68.8136, -3.6717, 3.7388

Achromatomaly

68.9732, 0.5648, 22.4884

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.4429, 16.5951, 41.3137 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, 172, 55)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 55)  
}
```

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, 172, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 55) }
```

Border

The CSS property to change the border of an element to HunterLab 71.4429, 16.5951, 41.3137 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, 172, 55) }
```


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

```
.border{ border-color:rgb(255, 172, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 172, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 55);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
55) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.4429, 16.5951, 41.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 55) }
```

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

```
.background{ background-color: rgb(255,  
172, 55) }
```

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