

Converting Colors

HunterLab(71.1541, 16.9547,
41.5342)

Have a look what the booklet for
HunterLab(71.1541, 16.9547,
41.5342) contains.

HunterLab(71.1511, 16.9798, 41.5304)	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(71.1511, 16.9798,
41.5304)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAB33
RGB	255, 171, 51
RGB Percent	100%, 67%, 20%
CMY	0.0000, 0.3294, 0.8000
CMYK	0.00, 0.33, 0.80, 0.00
HSL	35°, 100%, 60%
HSV	35°, 80%, 100%
XYZ	56.4004, 50.6248, 9.9309
YIQ	182.4360, 88.5840, -19.5120

Conversions

Conversions Part 2

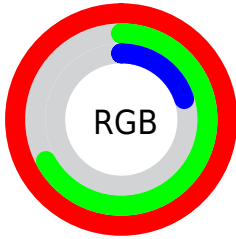
Format	Color
RYB	194, 255, 51
Decimal	16755507
CIELab	76.45, 21.66, 69.37
CIELCh	76, 72.675, 72.658
Yxy	50.6274, 0.4822, 0.4329
Android (android.graphics.Color)	4294945587 (0xFFFFAB33)
YUV	182.4360, -64.7979, 63.6386
Hunter-Lab	71.1511, 16.9798, 41.5304

Details

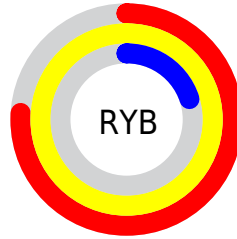
The HunterLab color **71.1511, 16.9798, 41.5304** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **50.2501, 11.8045, -80.4561**, and the grayscale version is **68.8155, -3.6718, 3.7389**.

A 20% lighter version of the original color is **87.5867, -8.3962, 44.4075**, and **49.5289, 16.3585, 30.8059** is the 20% darker color. If you saturate the color by 10%, you get **68.3010, 21.8067, 41.6452**, and if you desaturate by 10%, it is **74.1908, 12.5720, 40.3982**.

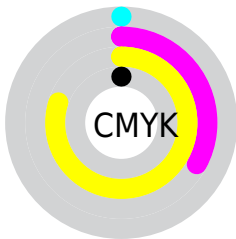
Distribution



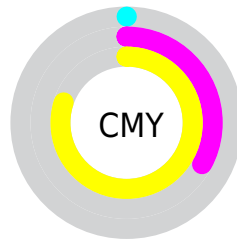
- Red (100%)
- Green (67%)
- Blue (20%)



- Red (76%)
- Yellow (100%)
- Blue (20%)



- Cyan (0%)
- Magenta (33%)
- Yellow (80%)
- Black (0%)





- Cyan (0%)
- Magenta (33%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 71.1511, 16.9798, 41.5304 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 71.1511, 16.9798, 41.5304 by changing the saturation by 10% instead.


 71.1511, 16.9798,
41.5304


 71.1511, 16.9798,
41.5304


197.2598, 17.8888,
77.7723


 59.9267, 16.5470,
36.7557


 95.4483, 17.5987,
50.4937


 49.3623, 16.0280,
31.7518

 108.4590, 17.8064,
54.7284


 39.5039, 15.4074,
26.5280

 122.0125, 17.9522,
58.8260

 30.4064, 14.6706,
21.2845

 136.0878, 18.0407,
62.8035

 22.1397, 13.7994,
15.4978

 150.6662, 18.0755,
66.6754

 14.7976, 12.7729,
10.3583

 165.7309, 18.0599,

 8.4520, 11.8914,

70.4539

5.9164

181.2668, 17.9968,
74.1499

0.0000, INF, NaN

0.0000, NaN, NaN

■ 71.1511, 16.9798,
41.5304

■ 71.1511, 16.9798,
41.5304

■ 68.3010, 21.8067,
41.6452

■ 74.1908, 12.5720,
40.3982

■ 65.6318, 26.9707,
40.9140

■ 77.4086, 8.6311,
38.2210

■ 65.6313, 26.9716,
40.9139

■ 80.7983, 5.1672,
35.0175

■ 84.3507, 2.1791,
30.8302

■ 88.0563, -0.3450,

25.7151

91.9057, -2.4234,
19.7345

95.8899, -4.0788,
12.9525

99.9999, -5.3361,
5.4331

Harmonies

Analogous

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



71.1529, 51.5759, 34.6479



71.1511, 16.9798, 41.5304



71.1529, -17.7023, 41.9479

Triad

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



71.1529, 16.9759, 41.5311



71.1529, -57.4546, -11.3156



71.1529, 46.7119, -59.5545

Complementary

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



71.1511, 16.9798, 41.5304



50.2501, 11.8045, -80.4561

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.



71.1529, 11.2583, -88.7402



71.1511, 16.9798, 41.5304



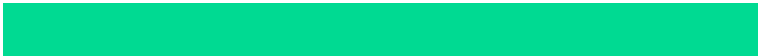
71.1529, -46.1482, -53.2073

Square

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



71.1529, 16.9759, 41.5311



71.1529, -56.5060, 20.1707



71.1529, -22.4362, -85.9842



71.1529, 70.8545, -17.5147

Rectangle

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



71.1511, 16.9798, 41.5304



71.1529, -36.0478, 39.0622



71.1529, -22.4362, -85.9842



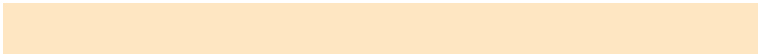
71.1529, 35.4618, -71.9233

Sweetspot

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



71.1529, 16.9759, 41.5311



90.3490, -1.6438, 22.2277



50.4038, 77.7706, 5.0202



41.1668, -0.4124, 11.2590

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.1529, 16.9759, 41.5311



66.6798, 24.8838, 41.2630



94.8343, -31.1603, 55.9326



44.4558, -1.9200, 5.8284



47.7588, 18.8263, 29.7583



15.6084, 4.4256, 9.6953

Inverse Universe

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



50.2501, 11.8045, -80.4561



43.1893, 23.0370, -102.8607



32.8893, 59.7713, -149.2369



43.1348, -2.5824, -1.2998



30.5414, 17.9090, -76.8344



10.5696, 3.3435, -20.4287

Previews

White Background



This preview shows how the HunterLab color 71.1511, 16.9798, 41.5304 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 71.1511, 16.9798, 41.5304 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 71.1511, 16.9798, 41.5304 Background



This preview shows how black text looks on a background with the HunterLab color 71.1511, 16.9798, 41.5304.



This preview shows how white text looks on a background with the HunterLab color 71.1511, 16.9798,

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

71.1511, 16.9798, 41.5304

Protanopia

71.1883, -9.0802, 40.5909

Deuteranopia

71.1495, 5.6777, 41.7004



Tritanopia

71.0707, 31.2873, 10.9345

Trichromacy



Original Color

71.1511, 16.9798, 41.5304

Protanomaly

70.8634, 0.3958, 40.7526

Deuteranomaly

71.0614, 9.6961, 41.6243

Tritanomaly

70.7937, 24.4676, 26.6570

Monochromacy



Original Color

71.1511, 16.9798, 41.5304

Achromatopsia

68.3947, -3.6494, 3.7160

Achromatomaly

68.6421, 0.8439, 22.8303

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.1511, 16.9798, 41.5304 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, 171, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 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(255, 171, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 71.1511, 16.9798, 41.5304 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, 171, 51) }
```


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

```
.border{ border-color:rgb(255, 171, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.1511, 16.9798, 41.5304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 51) }
```

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

```
.background{ background-color: rgb(255,  
171, 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](#).

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