

Converting Colors

HunterLab(71.3397, 18.7783,
36.9701)

Have a look what the booklet for
HunterLab(71.3397, 18.7783,
36.9701) contains.

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Color

**HunterLab(71.4547, 18.5509,
37.0495)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAB56
RGB	255, 171, 86
RGB Percent	100%, 67%, 34%
CMY	0.0000, 0.3294, 0.6627
CMYK	0.00, 0.33, 0.66, 0.00
HSL	30°, 100%, 67%
HSV	30°, 66%, 100%
XYZ	57.4827, 51.0577, 15.6296
YIQ	186.4260, 77.3490, -8.6270

Conversions

Conversions Part 2

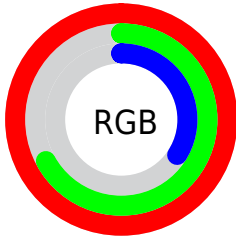
Format	Color
RYB	253, 255, 86
Decimal	16755542
CIELab	76.72, 23.20, 55.13
CIELCh	77, 59.816, 67.178
Yxy	51.0603, 0.4629, 0.4112
Android (android.graphics.Color)	4294945622 (0xFFFFAB56)
YUV	186.4260, -49.5100, 60.1394
Hunter-Lab	71.4547, 18.5509, 37.0495

Details

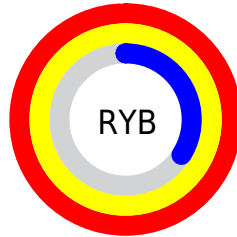
The HunterLab color **71.4547, 18.5509, 37.0495** is a light color, and the websafe version is hex **FF9933**. The color can be described as light muted orange. A complement of this color would be **61.6004, -2.7249, -53.1486**, and the grayscale version is **70.4322, -3.7581, 3.8267**.

A 20% lighter version of the original color is **88.0436, -5.8801, 37.7002**, and **49.7780, 17.3597, 29.1743** is the 20% darker color. If you saturate the color by 10%, you get **67.9405, 23.9045, 38.4913**, and if you desaturate by 10%, it is **75.2111, 13.6537, 34.6137**.

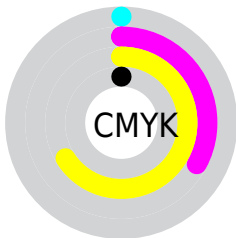
Distribution



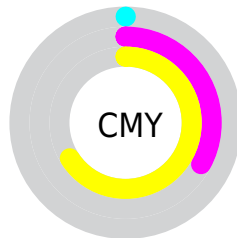
- Red (100%)
- Green (67%)
- Blue (34%)



- Red (99%)
- Yellow (100%)
- Blue (34%)



- Cyan (0%)
- Magenta (33%)
- Yellow (66%)
- Black (0%)





- Cyan (0%)
- Magenta (33%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 71.4547, 18.5509, 37.0495 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 71.4547, 18.5509, 37.0495 by changing the saturation by 10% instead.


 71.4547, 18.5509,
37.0495


 71.4547, 18.5509,
37.0495


197.6861, 19.9636,
66.7226

 60.2135, 18.0528,
33.1775


 95.7831, 19.2939,
44.3224


 49.6311, 17.4661,
29.1077


 108.8084, 19.5606,
47.7685


 39.7535, 16.7751,
24.8059


 122.3758, 19.7636,
51.1124

 30.6352, 15.9655,
20.3392

 136.4646, 19.9076,
54.3684

 22.3456, 15.0197,
15.6419

 151.0560, 19.9964,
57.5482

 14.9777, 13.9189,
10.4844

166.1332, 20.0334,

 8.6224, 12.8753,

60.6618

6.0357

181.6813, 20.0216,
63.7176

0.0000, INF, NaN

0.0000, NaN, NaN

■ 71.4547, 18.5509,
37.0495

■ 71.4547, 18.5509,
37.0495

■ 67.9405, 23.9045,
38.4913

■ 75.2111, 13.6537,
34.6137

■ 64.6795, 29.6831,
38.9170

■ 79.1871, 9.2393,
31.2355

■ 61.6863, 35.7993,
38.3753


■ 83.3673, 5.2996,
26.9862

■ 60.6358, 38.1142,
38.0307

■ 87.7354, 1.8179,
21.9413

■ 92.2762, -1.2299,

16.1758

 96.9760, -3.8720,
9.7604

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.



71.4565, 44.9344, 28.6398



71.4547, 18.5509, 37.0495



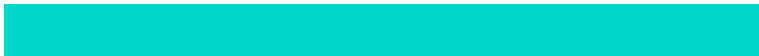
71.4565, -10.4922, 38.5537

Triad

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



71.4565, 18.5471, 37.0503



71.4565, -50.2029, -2.8883



71.4565, 32.1442, -50.8934

Complementary

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



71.4547, 18.5509, 37.0495



61.6004, -2.7249, -53.1486

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.



71.4565, 3.1135, -68.9235



71.4547, 18.5509, 37.0495



71.4565, -42.2226, -35.0125

Square

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



71.4565, 18.5471, 37.0503



71.4565, -47.3878, 21.2008



71.4565, -23.7287, -62.1949



71.4565, 53.5988, -19.2519

Rectangle

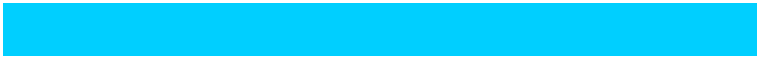
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.4547, 18.5509, 37.0495



71.4565, -27.0198, 36.3232



71.4565, -23.7287, -62.1949



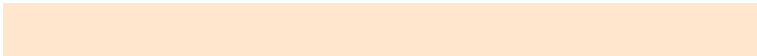
71.4565, 22.7864, -59.2128

Sweetspot

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



71.4565, 18.5471, 37.0503



90.5650, -0.1430, 18.4042



55.5312, 69.5547, -5.4345



41.3092, 0.3307, 9.2635

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.4565, 18.5471, 37.0503



66.6948, 26.0123, 38.7682



96.6702, -23.8928, 53.7494



44.1554, -1.4161, 5.5057



44.1709, 26.7587, 27.6864



14.5540, 6.6198, 9.0840

Inverse Universe

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



61.6004, -2.7249, -53.1486



55.2330, 2.5793, -67.4775



39.8178, 43.3599, -115.5786



43.4386, -3.0836, -0.9267



34.5926, 9.2707, -63.2505



11.7619, 1.0634, -16.9969

Previews

White Background



This preview shows how the HunterLab color 71.4547, 18.5509, 37.0495 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 71.4547, 18.5509, 37.0495 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 71.4547, 18.5509, 37.0495 Background



This preview shows how black text looks on a background with the HunterLab color 71.4547, 18.5509, 37.0495.



This preview shows how white text looks on a background with the HunterLab color 71.4547, 18.5509,

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

71.4547, 18.5509, 37.0495

Protanopia

71.6249, -8.4030, 35.6063

Deuteranopia

71.3756, 5.5934, 37.1119



Tritanopia

71.3485, 30.8858, 10.8024

Trichromacy



Original Color

71.4547, 18.5509, 37.0495

Protanomaly

71.2558, 0.9134, 35.8750

Deuteranomaly

71.3985, 10.0051, 37.0337

Tritanomaly

71.3306, 25.3589, 22.7975

Monochromacy



Original Color

71.4547, 18.5509, 37.0495

Achromatopsia

70.0729, -3.7389, 3.8072

Achromatomaly

70.0704, 1.9283, 18.7959

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.4547, 18.5509, 37.0495 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, 86)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 86)  
}
```

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, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 86) }
```

Border

The CSS property to change the border of an element to HunterLab 71.4547, 18.5509, 37.0495 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, 86) }
```


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

```
.border{ border-color:rgb(255, 171, 86) }
```

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, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 86);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
86) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.4547, 18.5509, 37.0495 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, 86) }
```

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

```
.background{ background-color: rgb(255,  
171, 86) }
```

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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