

Converting Colors

HunterLab(64.1290, 33.1581,
33.6825)

Have a look what the booklet for
HunterLab(64.1290, 33.1581,
33.6825) contains.

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Color

**HunterLab(64.1419, 33.1649,
33.6145)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8E4D
RGB	255, 142, 77
RGB Percent	100%, 56%, 30%
CMY	0.0000, 0.4431, 0.6980
CMYK	0.00, 0.44, 0.70, 0.00
HSL	22°, 100%, 65%
HSV	22°, 70%, 100%
XYZ	52.2526, 41.1418, 12.2083
YIQ	168.3770, 88.2130, 3.7410

Conversions

Conversions Part 2

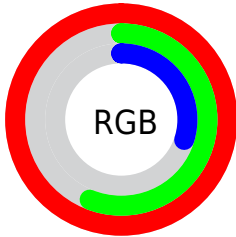
Format	Color
R _Y B	255, 179, 77
Decimal	16748109
CIE Lab	70.28, 37.72, 52.31
CIE LCh	70, 64.491, 54.205
Yxy	41.1440, 0.4948, 0.3896
Android (android.graphics.Color)	4294938189 (0xFFFF8E4D)
YUV	168.3770, -45.0489, 75.9684
Hunter-Lab	64.1419, 33.1649, 33.6145

Details

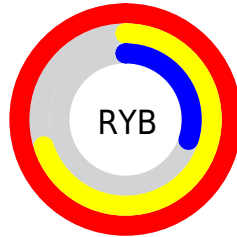
The HunterLab color **64.1419, 33.1649, 33.6145** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **67.5439, -13.7545, -41.6666**, and the grayscale version is **62.8872, -3.3555, 3.4168**.

A 20% lighter version of the original color is **79.2155, 8.0713, 33.6684**, and **43.2717, 30.8463, 25.8648** is the 20% darker color. If you saturate the color by 10%, you get **60.3152, 40.3091, 34.7355**, and if you desaturate by 10%, it is **68.3735, 26.3424, 31.5788**.

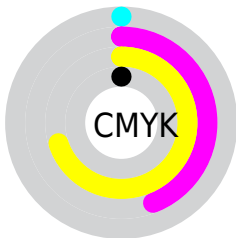
Distribution



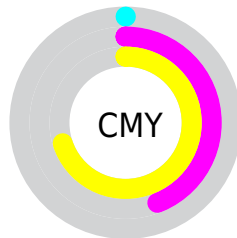
- Red (100%)
- Green (56%)
- Blue (30%)



- Red (100%)
- Yellow (70%)
- Blue (30%)



- Cyan (0%)
- Magenta (44%)
- Yellow (70%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.1419, 33.1649, 33.6145 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 64.1419, 33.1649, 33.6145 by changing the saturation by 10% instead.


 64.1419, 33.1649,
33.6145


 64.1419, 33.1649,
33.6145


187.3292, 39.7166,
62.5093

 53.3213, 31.9970,
29.8061


 87.6940, 35.1781,
40.7341


 43.1871, 30.7177,
25.7864


 100.3580, 36.0484,
44.0956


 33.7914, 29.3139,
21.5184


 113.5790, 36.8359,
47.3519

 25.1975, 27.7816,
17.6382

 127.3343, 37.5466,
50.5183

 17.4886, 26.1348,
12.2420

 141.6041, 38.1856,
53.6076

 10.7813, 24.4608,
7.5469

156.3703, 38.7576,

 1.7502, 94.2960,

56.6302

1.2251

171.6169, 39.2668,
59.5950

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.1419, 33.1649,
33.6145

■ 64.1419, 33.1649,
33.6145

■ 60.3152, 40.3091,
34.7355

■ 68.3735, 26.3424,
31.5788

■ 56.9275, 47.6316,
34.8943

■ 72.9646, 19.9420,
28.7144

■ 54.0076, 54.8639,
34.2239


■ 77.8783, 13.9972,
25.1238

■ 53.9546, 55.0015,
34.2095

■ 83.0797, 8.5114,
20.9060

■ 88.5375, 3.4675,

16.1501

 94.2246, -1.1636,
10.9329

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.



64.1436, 56.8119, 21.8810



64.1419, 33.1649, 33.6145



64.1436, 2.3911, 37.2854

Triad

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



64.1436, 33.1607, 33.6153



64.1436, -50.5942, 8.6948



64.1436, 21.4770, -67.6167

Complementary

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



64.1419, 33.1649, 33.6145



67.5439, -13.7545, -41.6666

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.



64.1436, -9.0428, -76.5264



64.1419, 33.1649, 33.6145



64.1436, -47.3281, -22.7485

Square

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



64.1436, 33.1607, 33.6153



64.1436, -43.1922, 27.6797



64.1436, -33.2951, -57.3567



64.1436, 49.2595, -36.6722

Rectangle

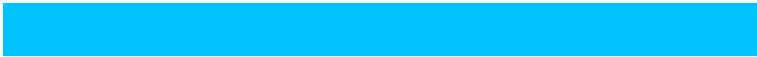
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.1419, 33.1649, 33.6145



64.1436, -16.7367, 36.8332



64.1436, -33.2951, -57.3567



64.1436, 11.0672, -73.7380

Sweetspot

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



64.1436, 33.1607, 33.6153



87.8719, 4.0488, 16.7450



55.1405, 76.6480, -18.7412



39.9488, 2.5042, 8.3701

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.1436, 33.1607, 33.6153



58.8378, 43.3730, 34.9193



88.0043, -11.2038, 49.3012



43.6728, -0.5995, 4.9830



39.3317, 38.8606, 24.9164



13.0602, 10.0856, 8.2242

Inverse Universe

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



67.5439, -13.7545, -41.6666



62.4835, -10.4059, -51.4526



43.1723, 32.0759, -102.7633



43.9323, -3.8907, -0.3261



41.8877, -3.7656, -44.2272



13.8443, -2.3994, -12.1246

Previews

White Background



This preview shows how the HunterLab color 64.1419, 33.1649, 33.6145 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 64.1419, 33.1649, 33.6145 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 64.1419, 33.1649, 33.6145 Background



This preview shows how black text looks on a background with the HunterLab color 64.1419, 33.1649, 33.6145.



This preview shows how white text looks on a background with the HunterLab color 64.1419, 33.1649,

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

64.1419, 33.1649, 33.6145

Protanopia

64.1407, -7.3069, 31.0604

Deuteranopia

64.2767, 4.6429, 34.0330



Tritanopia

64.2080, 41.5772, 15.1813

Trichromacy



Original Color

64.1419, 33.1649, 33.6145

Protanomaly

63.5692, 6.7944, 31.6573

Deuteranomaly

63.9761, 14.8176, 33.6771

Tritanomaly

64.1137, 37.9310, 23.4424

Monochromacy



Original Color

64.1419, 33.1649, 33.6145

Achromatopsia

62.5758, -3.3389, 3.3999

Achromatomaly

62.3096, 7.2394, 16.7108

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.1419, 33.1649, 33.6145 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, 142, 77)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 77)  
}
```

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, 142, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 64.1419, 33.1649, 33.6145 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, 142, 77) }
```


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

```
.border{ border-color:rgb(255, 142, 77) }
```

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

Here you see how a box with a 4 pixel rgb(255, 142, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 77);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
77) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.1419, 33.1649, 33.6145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 142, 77) }
```

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

```
.background{ background-color: rgb(255,  
142, 77) }
```

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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