

Converting Colors

HunterLab(63.3809, 33.2053,
36.7045)

Have a look what the booklet for
HunterLab(63.3809, 33.2053,
36.7045) contains.

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Color

**HunterLab(63.4470, 33.0565,
36.7477)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8C33
RGB	255, 140, 51
RGB Percent	100%, 55%, 20%
CMY	0.0000, 0.4509, 0.8000
CMYK	0.00, 0.45, 0.80, 0.00
HSL	26°, 100%, 60%
HSV	26°, 80%, 100%
XYZ	51.2157, 40.2552, 8.2026
YIQ	164.2390, 97.1090, -3.2990

Conversions

Conversions Part 2

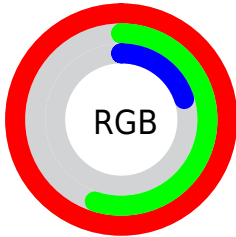
Format	Color
R _Y B	255, 209, 51
Decimal	16747571
CIE Lab	69.65, 37.68, 63.21
CIE LCh	70, 73.587, 59.197
Yxy	40.2574, 0.5138, 0.4039
Android (android.graphics.Color)	4294937651 (0xFFFF8C33)
YUV	164.2390, -55.8268, 79.5974
Hunter-Lab	63.4470, 33.0565, 36.7477

Details

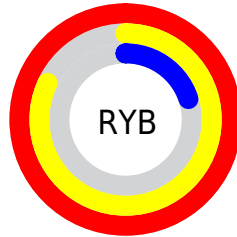
The HunterLab color **63.4470, 33.0565, 36.7477** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **59.3247, -4.3739, -58.0728**, and the grayscale version is **61.2229, -3.2667, 3.3264**.

A 20% lighter version of the original color is **78.2877, 7.2183, 38.4483**, and **42.6449, 30.9686, 26.8198** is the 20% darker color. If you saturate the color by 10%, you get **60.1336, 39.7271, 36.8144**, and if you desaturate by 10%, it is **67.1016, 26.7005, 35.6923**.

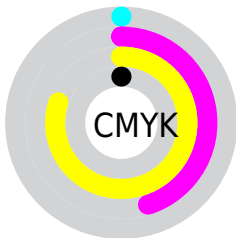
Distribution



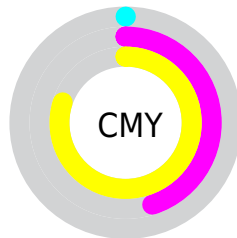
- Red (100%)
- Green (55%)
- Blue (20%)



- Red (100%)
- Yellow (82%)
- Blue (20%)



- Cyan (0%)
- Magenta (45%)
- Yellow (80%)
- Black (0%)





- Cyan (0%)
- Magenta (45%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 63.4470, 33.0565, 36.7477 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 63.4470, 33.0565, 36.7477 by changing the saturation by 10% instead.


 63.4470, 33.0565,
36.7477

 63.4470, 33.0565,
36.7477

186.3350, 39.6394,
70.8336


 52.6681, 31.8830,
32.2120

 86.9225, 35.0790,
45.2196


 42.5784, 30.5976,
27.4375


 99.5509, 35.9534,
49.2075


 33.2307, 29.1873,
22.6178


 112.7378, 36.7445,
53.0601

 24.6893, 27.6484,
17.2825

 126.4604, 37.4585,
56.7954

 17.0391, 25.9972,
11.9274

 140.6986, 38.1006,
60.4285

 10.3994, 24.3296,
7.2795

 155.4343, 38.6754,

0.0000, INF, NaN

63.9723

0.0000, NaN, NaN

170.6514, 39.1872,
67.4376

0.0000, NaN, NaN

■ 63.4470, 33.0565,
36.7477

■ 63.4470, 33.0565,
36.7477

■ 60.1336, 39.7271,
36.8144

■ 67.1016, 26.7005,
35.6923

■ 57.1712, 46.5457,
36.0434

■ 71.0665, 20.7634,
33.6664

■ 57.1709, 46.5465,
36.0433

■ 75.3167, 15.2863,
30.7357

■ 79.8260, 10.2824,
26.9836

■ 84.5699, 5.7431,
22.4973

■ 89.5265, 1.6468,
17.3607

■ 94.6758, -2.0356,
11.6499

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.



63.4487, 63.1446, 26.6507



63.4470, 33.0565, 36.7477



63.4487, -2.4839, 39.2400

Triad

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



63.4487, 33.0522, 36.7484



63.4487, -55.7752, 4.3061



63.4487, 31.1621, -76.6202

Complementary

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



63.4470, 33.0565, 36.7477



59.3247, -4.3739, -58.0728

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.



63.4487, -4.2888, -93.3431



63.4470, 33.0565, 36.7477



63.4487, -50.3689, -34.2641

Square

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



63.4487, 33.0522, 36.7484



63.4487, -49.7511, 27.4890



63.4487, -33.1011, -74.8611



63.4487, 61.9038, -36.5841

Rectangle

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



63.4470, 33.0565, 36.7477



63.4487, -23.1969, 38.3363



63.4487, -33.1011, -74.8611



63.4487, 19.1934, -85.8538

Sweetspot

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



63.4487, 33.0522, 36.7484



87.5193, 3.2344, 19.4890



51.3839, 81.5540, -8.8712



39.6759, 2.1770, 9.8558

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.4487, 33.0522, 36.7484



58.3153, 43.8270, 36.4031



92.0034, -18.5779, 54.3483



43.9214, -1.0212, 5.2529



41.6694, 32.7838, 26.2505



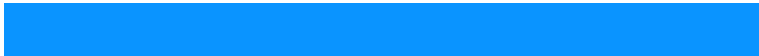
13.7962, 8.3188, 8.6468

Inverse Universe

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



59.3247, -4.3739, -58.0728



53.4097, 2.7777, -72.0644



34.1452, 51.5055, -142.3347



43.6771, -3.4746, -0.6357



38.0223, 2.8178, -53.6073



12.7482, -0.6451, -14.5417

Previews

White Background



This preview shows how the HunterLab color 63.4470, 33.0565, 36.7477 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 63.4470, 33.0565, 36.7477 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 63.4470, 33.0565, 36.7477 Background



This preview shows how black text looks on a background with the HunterLab color 63.4470, 33.0565, 36.7477.



This preview shows how white text looks on a background with the HunterLab color 63.4470, 33.0565,

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

63.4470, 33.0565, 36.7477

Protanopia

63.6537, -8.0911, 35.2275

Deuteranopia

63.4911, 4.4058, 37.0658



Tritanopia

63.4533, 42.6855, 15.9348

Trichromacy



Original Color

63.4470, 33.0565, 36.7477

Protanomaly

63.0264, 5.8676, 35.4197

Deuteranomaly

63.2190, 14.6231, 36.7872

Tritanomaly

63.2238, 38.4416, 26.0634

Monochromacy



Original Color

63.4470, 33.0565, 36.7477

Achromatopsia

60.9293, -3.2510, 3.3104

Achromatomaly

60.6161, 6.7725, 19.1409

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.4470, 33.0565, 36.7477 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, 140, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 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, 140, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 63.4470, 33.0565, 36.7477 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, 140, 51) }
```


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

```
.border{ border-color:rgb(255, 140, 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, 140, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.4470, 33.0565, 36.7477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 51) }
```

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

```
.background{ background-color: rgb(255,  
140, 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](#).

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