

Converting Colors

HunterLab(67.9239, 25.0427,
36.0991)

Have a look what the booklet for
HunterLab(67.9239, 25.0427,
36.0991) contains.

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Color

**HunterLab(68.0070, 24.8397,
36.2192)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9E4D
RGB	255, 158, 77
RGB Percent	100%, 62%, 30%
CMY	0.0000, 0.3804, 0.6980
CMYK	0.00, 0.38, 0.70, 0.00
HSL	27°, 100%, 65%
HSV	27°, 70%, 100%
XYZ	54.8064, 46.2495, 13.0597
YIQ	177.7690, 83.8130, -4.6270

Conversions

Conversions Part 2

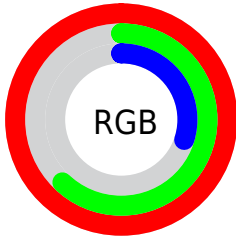
Format	Color
R _Y B	255, 226, 77
Decimal	16752205
CIE Lab	73.71, 29.49, 56.04
CIE LCh	74, 63.324, 62.240
Yxy	46.2519, 0.4803, 0.4053
Android (android.graphics.Color)	4294942285 (0xFFFF9E4D)
YUV	177.7690, -49.6791, 67.7316
Hunter-Lab	68.0070, 24.8397, 36.2192

Details

The HunterLab color **68.0070, 24.8397, 36.2192** 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 **62.5043, -5.8720, -51.3299**, and the grayscale version is **66.8044, -3.5645, 3.6296**.

A 20% lighter version of the original color is **83.9247, -0.1185, 37.0394**, and **46.5956, 23.0826, 28.0165** is the 20% darker color. If you saturate the color by 10%, you get **64.4079, 30.9516, 37.2928**, and if you desaturate by 10%, it is **71.9007, 19.1495, 34.1664**.

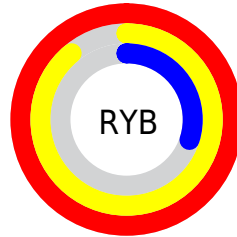
Distribution



Red (100%)

Green (62%)

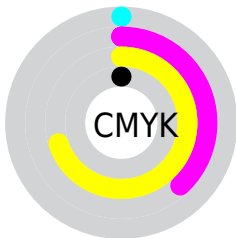
Blue (30%)



Red (100%)

Yellow (89%)

Blue (30%)

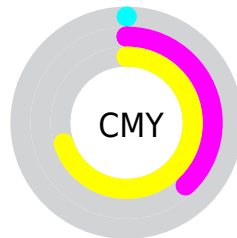


Cyan (0%)

Magenta (38%)

Yellow (70%)

Black (0%)



Cyan (0%)


Magenta (38%)

Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 68.0070, 24.8397, 36.2192 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 68.0070, 24.8397, 36.2192 by changing the saturation by 10% instead.


 68.0070, 24.8397,
36.2192


 68.0070, 24.8397,
36.2192


192.8265, 28.5117,
66.5564


 56.9602, 24.0433,
32.2330


 91.9760, 26.1447,
43.6874


 46.5847, 23.1457,
28.0359


 104.8339, 26.6773,
47.2177


 36.9292, 22.1309,
23.5946


 118.2406, 27.1372,
50.6385

 28.0519, 20.9854,
19.3285

 132.1747, 27.5300,
53.9653

 20.0282, 19.6974,
14.0197

 146.6167, 27.8600,
57.2106

 12.9610, 18.2702,
9.0727

161.5496, 28.1314,

 6.4076, 20.5383,

60.3852

4.4853

176.9576, 28.3476,
63.4979

0.0000, INF, NaN

0.0000, NaN, NaN

■ 68.0070, 24.8397,
36.2192

■ 68.0070, 24.8397,
36.2192

■ 64.4079, 30.9516,
37.2928

■ 71.9007, 19.1495,
34.1664

■ 61.1208, 37.4188,
37.3693

■ 76.0598, 13.9303,
31.1915

■ 58.1602, 44.0792,
36.5950


■ 80.4629, 9.1864,
27.3742

■ 58.1048, 44.2095,
36.5779

■ 85.0878, 4.9073,
22.7984

■ 89.9146, 1.0708,

17.5455

 94.9251, -2.3519,
11.6911

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.



68.0088, 51.2625, 26.6433



68.0070, 24.8397, 36.2192



68.0088, -5.8338, 38.5477

Triad

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



68.0088, 24.8357, 36.2200



68.0088, -51.5124, 1.5604



68.0088, 29.3268, -59.5262

Complementary

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



68.0070, 24.8397, 36.2192



62.5043, -5.8720, -51.3299

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.



68.0088, -1.4027, -75.2310



68.0070, 24.8397, 36.2192



68.0088, -45.2446, -31.8053

Square

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



68.0088, 24.8357, 36.2200



68.0088, -46.8767, 24.3333



68.0088, -28.0727, -63.3918



68.0088, 54.1505, -26.5085

Rectangle

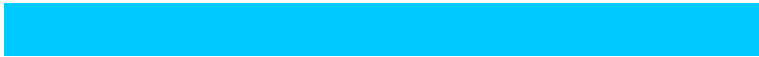
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.0070, 24.8397, 36.2192



68.0088, -23.7852, 37.0894



68.0088, -28.0727, -63.3918



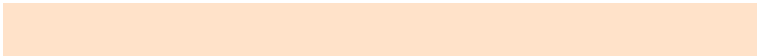
68.0088, 19.1800, -67.5150

Sweetspot

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



68.0088, 24.8357, 36.2200



89.3270, 1.5077, 18.2076



54.4603, 73.8913, -9.2468



40.7042, 1.1743, 9.1145

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.0088, 24.8357, 36.2200



62.9891, 33.6297, 37.4449



93.6844, -19.9706, 52.9345



43.9872, -1.1325, 5.3241



42.3451, 31.1113, 26.6375



14.0034, 7.8431, 8.7661

Inverse Universe

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



62.5043, -5.8720, -51.3299



56.5486, -0.7856, -64.3630



39.2910, 42.2297, -117.8114



43.6099, -3.3645, -0.7176



37.0356, 4.6076, -56.2377



12.4661, -0.1703, -15.2139

Previews

White Background



This preview shows how the HunterLab color 68.0070, 24.8397, 36.2192 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 68.0070, 24.8397, 36.2192 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 68.0070, 24.8397, 36.2192 Background



This preview shows how black text looks on a background with the HunterLab color 68.0070, 24.8397, 36.2192.



This preview shows how white text looks on a background with the HunterLab color 68.0070, 24.8397,

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

68.0070, 24.8397, 36.2192

Protanopia

68.2008, -8.3383, 34.5874

Deuteranopia

68.2180, 4.9343, 36.6436



Tritanopia

68.0626, 35.5965, 12.7863

Trichromacy



Original Color

68.0070, 24.8397, 36.2192

Protanomaly

67.7151, 3.4091, 34.9694

Deuteranomaly

68.1940, 11.9657, 36.5976

Tritanomaly

67.8306, 31.0118, 23.5707

Monochromacy



Original Color

68.0070, 24.8397, 36.2192

Achromatopsia

66.7234, -3.5602, 3.6252

Achromatomaly

66.4611, 4.0813, 18.5441

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.0070, 24.8397, 36.2192 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, 158, 77)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 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, 158, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 68.0070, 24.8397, 36.2192 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, 158, 77) }
```


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

```
.border{ border-color:rgb(255, 158, 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, 158, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 77);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
77) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.0070, 24.8397, 36.2192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 77) }
```

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

```
.background{ background-color: rgb(255,  
158, 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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