

Converting Colors

HunterLab(68.0472, 24.0272,
37.8196)

Have a look what the booklet for
HunterLab(68.0472, 24.0272,
37.8196) contains.

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Color

**HunterLab(68.1540, 23.7881,
37.9287)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9F42
RGB	255, 159, 66
RGB Percent	100%, 62%, 26%
CMY	0.0000, 0.3764, 0.7412
CMYK	0.00, 0.38, 0.74, 0.00
HSL	30°, 100%, 63%
HSV	30°, 74%, 100%
XYZ	54.6216, 46.4497, 11.2411
YIQ	177.1020, 87.0690, -8.5710

Conversions

Conversions Part 2

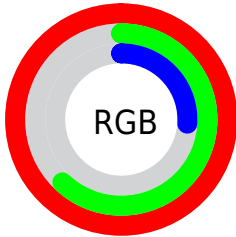
Format	Color
R _Y B	255, 249, 66
Decimal	16752450
CIE Lab	73.84, 28.47, 61.07
CIE LCh	74, 67.377, 65.005
Yxy	46.4521, 0.4863, 0.4136
Android (android.graphics.Color)	4294942530 (0xFFFF9F42)
YUV	177.1020, -54.7733, 68.3165
Hunter-Lab	68.1540, 23.7881, 37.9287

Details

The HunterLab color **68.1540, 23.7881, 37.9287** 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 **58.4954, -1.0069, -59.8652**, and the grayscale version is **66.5460, -3.5507, 3.6156**.

A 20% lighter version of the original color is **84.0744, -1.4495, 39.4730**, and **46.7517, 22.2680, 29.1252** is the 20% darker color. If you saturate the color by 10%, you get **64.8009, 29.6138, 38.5704**, and if you desaturate by 10%, it is **71.7728, 18.3822, 36.2774**.

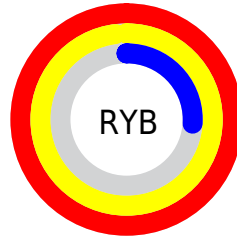
Distribution



Red (100%)

Green (62%)

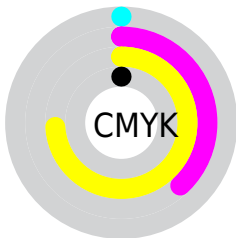
Blue (26%)



Red (100%)

Yellow (98%)

Blue (26%)

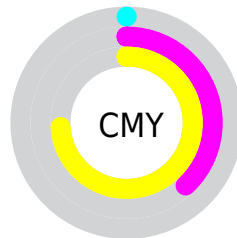


Cyan (0%)

Magenta (38%)

Yellow (74%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.1540, 23.7881, 37.9287 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 68.1540, 23.7881, 37.9287 by changing the saturation by 10% instead.

68.1540, 23.7881,
37.9287

68.1540, 23.7881,
37.9287

193.0345, 27.1148,
70.5874

57.0988, 23.0362,
33.6209

92.1386, 25.0082,
45.9966

46.7143, 22.1847,
29.0899

105.0037, 25.5003,
49.8059

37.0491, 21.2172,
24.3089

118.4174, 25.9211,
53.4931

28.1613, 20.1198,
19.7129

132.3581, 26.2757,
57.0746

20.1260, 18.8794,
14.0882

146.8066, 26.5687,
60.5641

13.0457, 17.4945,
9.1320

161.7457, 26.8040,

6.5183, 19.4238,

63.9731

4.5628

177.1597, 26.9850,
67.3114

0.0000, INF, NaN

0.0000, NaN, NaN

■ 68.1540, 23.7881,
37.9287

■ 68.1540, 23.7881,
37.9287

■ 64.8009, 29.6138,
38.5704

■ 71.7728, 18.3822,
36.2774

■ 61.7236, 35.7928,
38.2262

■ 75.6338, 13.4474,
33.6470

■ 60.0417, 39.5153,
37.6892

■ 79.7202, 8.9914,
30.1002

■ 84.0137, 5.0074,
25.7117

■ 88.4973, 1.4766,

20.5590

93.1551, -1.6265,
14.7176

97.9730, -4.3311,
8.2573

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.



68.1558, 53.1801, 29.1123



68.1540, 23.7881, 37.9287



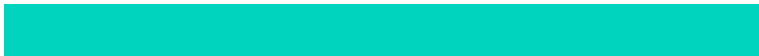
68.1558, -8.8271, 39.7027

Triad

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



68.1558, 23.7841, 37.9294



68.1558, -53.9487, -1.4924



68.1558, 34.5557, -62.0676

Complementary

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



68.1540, 23.7881, 37.9287



58.4954, -1.0069, -59.8652

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.



68.1558, 1.7064, -81.8546



68.1540, 23.7881, 37.9287



68.1558, -46.3685, -38.1306

Square

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



68.1558, 23.7841, 37.9294



68.1558, -50.1725, 23.7847



68.1558, -27.3147, -71.5435



68.1558, 60.1463, -25.2830

Rectangle

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



68.1540, 23.7881, 37.9287



68.1558, -27.3236, 37.9277



68.1558, -27.3147, -71.5435



68.1558, 23.7961, -71.5345

Sweetspot

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



68.1558, 23.7841, 37.9294



89.4693, 0.7852, 19.3779



52.7488, 76.4053, -5.4507



40.8172, 0.7747, 9.6628

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.1558, 23.7841, 37.9294



63.2628, 32.5947, 38.5203



95.4879, -23.1899, 55.2326



44.1171, -1.3516, 5.4644



43.7429, 27.7582, 27.4401



14.4260, 6.8991, 9.0100

Inverse Universe

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



58.4954, -1.0069, -59.8652



52.1616, 5.9058, -75.2917



35.5716, 50.3265, -134.8890



43.4775, -3.1475, -0.8791



35.1387, 8.1973, -61.6160



11.9200, 0.7798, -16.5824

Previews

White Background



This preview shows how the HunterLab color 68.1540, 23.7881, 37.9287 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 68.1540, 23.7881, 37.9287 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 68.1540, 23.7881, 37.9287 Background



This preview shows how black text looks on a background with the HunterLab color 68.1540, 23.7881, 37.9287.



This preview shows how white text looks on a background with the HunterLab color 68.1540, 23.7881,

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

68.1540, 23.7881, 37.9287

Protanopia

68.2887, -8.2597, 36.4619

Deuteranopia

68.2392, 4.8101, 38.1731



Tritanopia

68.0626, 35.5965, 12.7863

Trichromacy



Original Color

68.1540, 23.7881, 37.9287

Protanomaly

68.0029, 2.6999, 36.8984

Deuteranomaly

68.0945, 11.4433, 38.0653

Tritanomaly

67.9963, 30.0938, 24.9181

Monochromacy



Original Color

68.1540, 23.7881, 37.9287

Achromatopsia

66.3066, -3.5380, 3.6026

Achromatomaly

65.9809, 3.7491, 19.4558

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.1540, 23.7881, 37.9287 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, 159, 66)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 66)  
}
```

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, 159, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 68.1540, 23.7881, 37.9287 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, 159, 66) }
```


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

```
.border{ border-color:rgb(255, 159, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 159, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 66);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
66) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.1540, 23.7881, 37.9287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 66) }
```

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

```
.background{ background-color: rgb(255,  
159, 66) }
```

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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