

Converting Colors

HunterLab(62.3458, 36.4496,
34.1094)

Have a look what the booklet for
HunterLab(62.3458, 36.4496,
34.1094) contains.

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Color

**HunterLab(62.4350, 36.2243,
34.2117)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8742
RGB	255, 135, 66
RGB Percent	100%, 53%, 26%
CMY	0.0000, 0.4706, 0.7412
CMYK	0.00, 0.47, 0.74, 0.00
HSL	22°, 100%, 63%
HSV	22°, 74%, 100%
XYZ	50.8873, 38.9813, 9.9963
YIQ	163.0140, 93.6690, 3.9810

Conversions

Conversions Part 2

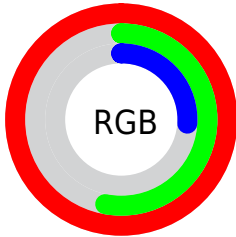
Format	Color
R_{YB}	255, 175, 66
Decimal	16746306
CIE _{Lab}	68.74, 40.75, 55.88
CIE _{LCh}	69, 69.156, 53.898
Yxy	38.9834, 0.5096, 0.3903
Android (android.graphics.Color)	4294936386 (0xFFFF8742)
YUV	163.0140, -47.8279, 80.6717
Hunter-Lab	62.4350, 36.2243, 34.2117

Details

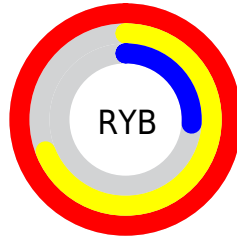
The HunterLab color **62.4350, 36.2243, 34.2117** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **65.9494, -12.9544, -44.6429**, and the grayscale version is **60.6890, -3.2382, 3.2973**.

A 20% lighter version of the original color is **77.0528, 10.7889, 34.7185**, and **41.7339, 33.4310, 25.8517** is the 20% darker color. If you saturate the color by 10%, you get **58.7937, 43.4681, 34.9195**, and if you desaturate by 10%, it is **66.4986, 29.2439, 32.5619**.

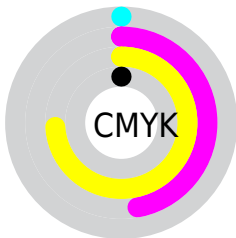
Distribution



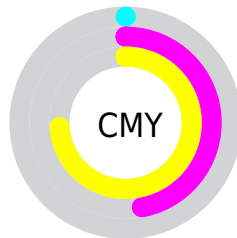
- Red (100%)
- Green (53%)
- Blue (26%)



- Red (100%)
- Yellow (69%)
- Blue (26%)



- Cyan (0%)
- Magenta (47%)
- Yellow (74%)
- Black (0%)



- Cyan (0%)
- Magenta (47%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.4350, 36.2243, 34.2117 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 62.4350, 36.2243, 34.2117 by changing the saturation by 10% instead.

62.4350, 36.2243,
34.2117

62.4350, 36.2243,
34.2117

184.8837, 43.8389,
64.9170

51.7173, 34.9218,
30.1359

85.7980, 38.4969,
41.8167

41.6931, 33.5061,
25.8326

98.3741, 39.4916,
45.3990

32.4161, 31.9670,
21.2954

111.5110, 40.4001,
48.8635

23.9522, 30.3076,
16.7666

125.1855, 41.2283,
52.2270

16.3887, 28.5617,
11.4721

139.3774, 41.9818,
55.5034

9.8490, 26.8820,
6.8943

154.0684, 42.6653,

0.0000, INF, NaN

58.7043

0.0000, NaN, NaN

169.2422, 43.2831,
61.8395

0.0000, NaN, NaN

■ 62.4350, 36.2243,
34.2117

■ 62.4350, 36.2243,
34.2117

■ 58.7937, 43.4681,
34.9195

■ 66.4986, 29.2439,
32.5619

■ 55.6068, 50.7972,
34.6720

■ 70.9392, 22.6549,
30.0425

■ 53.9508, 55.0119,
34.2073

■ 75.7187, 16.5103,
26.7528

■ 80.8005, 10.8264,
22.7943

■ 86.1519, 5.5937,
18.2607

91.7438, 0.7873,
13.2345

97.5513, -3.6253,
7.7853

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.



62.4367, 61.7471, 22.4238



62.4350, 36.2243, 34.2117



62.4367, 3.1905, 37.7271

Triad

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



62.4367, 36.2200, 34.2125



62.4367, -52.6059, 9.1817



62.4367, 22.9575, -74.8436

Complementary

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



62.4350, 36.2243, 34.2117



65.9494, -12.9544, -44.6429

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.



62.4367, -9.6026, -84.5022



62.4350, 36.2243, 34.2117



62.4367, -49.3719, -24.5191

Square

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



62.4367, 36.2200, 34.2125



62.4367, -44.8915, 28.5922



62.4367, -34.9794, -62.7878



62.4367, 53.0956, -40.6069

Rectangle

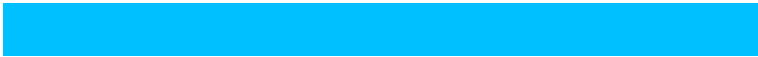
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.4350, 36.2243, 34.2117



62.4367, -17.1398, 37.3404



62.4367, -34.9794, -62.7878



62.4367, 11.7847, -81.6015

Sweetspot

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



62.4367, 36.2200, 34.2125



87.3167, 4.5418, 17.2354



53.6881, 80.1205, -18.5884



39.7074, 2.7263, 8.5798

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



62.4367, 36.2200, 34.2125



57.1787, 47.0524, 34.9145



87.4071, -10.8345, 50.1737



43.6725, -0.5990, 4.9827



39.3290, 38.8681, 24.9148



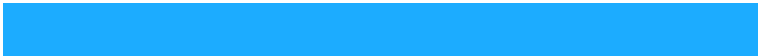
13.0593, 10.0878, 8.2237

Inverse Universe

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



65.9494, -12.9544, -44.6429



60.8480, -8.7711, -54.8446



40.5541, 36.1230, -112.6936



43.9326, -3.8913, -0.3257



41.8928, -3.7738, -44.2157



13.8458, -2.4016, -12.1216

Previews

White Background



This preview shows how the HunterLab color 62.4350, 36.2243, 34.2117 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 62.4350, 36.2243, 34.2117 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 62.4350, 36.2243, 34.2117 Background



This preview shows how black text looks on a background with the HunterLab color 62.4350, 36.2243, 34.2117.



This preview shows how white text looks on a background with the HunterLab color 62.4350, 36.2243,

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

62.4350, 36.2243, 34.2117

Protanopia

62.5235, -7.2078, 31.9166

Deuteranopia

62.5772, 4.4138, 34.7167



Tritanopia

62.4982, 44.3142, 16.4764

Trichromacy



Original Color

62.4350, 36.2243, 34.2117

Protanomaly

61.8400, 7.8441, 32.3648

Deuteranomaly

62.1689, 15.5281, 34.2337

Tritanomaly

62.3958, 40.7571, 24.5953

Monochromacy



Original Color

62.4350, 36.2243, 34.2117

Achromatopsia

60.5188, -3.2291, 3.2881

Achromatomaly

60.0639, 7.9738, 16.9918

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.4350, 36.2243, 34.2117 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, 135, 66)` looks like.

```
.text, #text, p{  
    color:rgb(255, 135, 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, 135, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 135, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 62.4350, 36.2243, 34.2117 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, 135, 66) }
```


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

```
.border{ border-color:rgb(255, 135, 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, 135, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 135, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 135, 66);  
box-shadow:4px 4px 4px 4px rgb(255, 135,  
66) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.4350, 36.2243, 34.2117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 135, 66) }
```

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

```
.background{ background-color: rgb(255,  
135, 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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