

# Converting Colors

HunterLab(68.6340, 24.4203,  
34.7439)

Have a look what the booklet for  
HunterLab(68.6340, 24.4203,  
34.7439) contains.

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# Color

**HunterLab(68.6340, 24.4203,  
34.7439)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFA058
RGB	255, 160, 88
RGB Percent	100%, 63%, 35%
CMY	0.0000, 0.3725, 0.6549
CMYK	0.00, 0.37, 0.65, 0.00
HSL	26°, 100%, 67%
HSV	26°, 65%, 100%
XYZ	55.5723, 47.1063, 15.3959
YIQ	180.1970, 79.7320, -2.2520

# Conversions

## Conversions Part 2

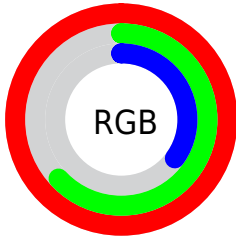
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 215, 88
Decimal	16752728
CIE <sub>Lab</sub>	74.26, 29.05, 51.42
CIE <sub>LCh</sub>	74, 59.061, 60.536
Yxy	47.1087, 0.4706, 0.3990
Android (android.graphics.Color)	4294942808 (0xFFFFA058)
YUV	180.1970, -45.4531, 65.6022
Hunter-Lab	68.6340, 24.4203, 34.7439

# Details

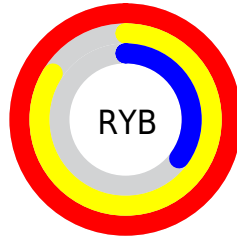
The HunterLab color **68.6340, 24.4203, 34.7439** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **65.6958, -8.9831, -45.0583**, and the grayscale version is **67.8025, -3.6178, 3.6838**.

A 20% lighter version of the original color is **84.7079, -0.1545, 34.8279**, and **47.1128, 22.4594, 27.2212** is the 20% darker color. If you saturate the color by 10%, you get **64.8212, 30.6530, 36.2442**, and if you desaturate by 10%, it is **72.7557, 18.6165, 32.3053**.

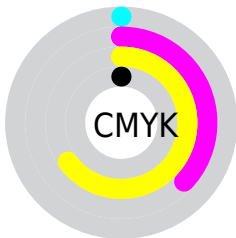
# Distribution



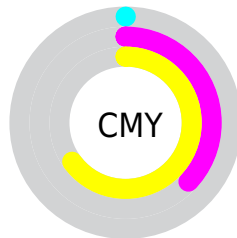
- Red (100%)
- Green (63%)
- Blue (35%)



- Red (100%)
- Yellow (84%)
- Blue (35%)



- Cyan (0%)
- Magenta (37%)
- Yellow (65%)
- Black (0%)




- Cyan (0%)
- Magenta (37%)
- Yellow (65%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.6340, 24.4203, 34.7439 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 68.6340, 24.4203, 34.7439 by changing the saturation by 10% instead.





 68.6340, 24.4203,  
34.7439


 68.6340, 24.4203,  
34.7439


193.7132, 27.9136,  
62.9140

 57.5513, 23.6481,  
31.0670


 92.6692, 25.6803,  
41.6437


 47.1377, 22.7758,  
27.1962


 105.5579, 26.1917,  
44.9122

 37.4411, 21.7874,  
23.0949


 118.9942, 26.6313,  
48.0844

 28.5192, 20.6694,  
18.8523

 132.9567, 27.0044,  
51.1743

 20.4461, 19.4091,  
14.3123

147.4262, 27.3155,  
54.1933

 13.3229, 18.0063,  
9.3261

162.3856, 27.5685,

 6.8668, 19.1360,

57.1512

4.8067

177.8193, 27.7669,  
60.0558

0.0000, INF, NaN

0.0000, NaN, NaN

■ 68.6340, 24.4203,  
34.7439

■ 68.6340, 24.4203,  
34.7439

■ 64.8212, 30.6530,  
36.2442

■ 72.7557, 18.6165,  
32.3053

■ 61.3395, 37.2544,  
36.7574

■ 77.1535, 13.2844,  
29.0030

■ 58.2150, 44.0926,  
36.3055


■ 81.8030, 8.4234,  
24.9255

■ 56.9218, 47.1784,  
35.9009

■ 86.6802, 4.0184,  
20.1600

■ 91.7635, 0.0438,

14.7873

 97.0336, -3.5312,  
8.8800

99.9999, -5.3359,  
5.4331

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.6358, 48.2453, 24.7433



68.6340, 24.4203, 34.7439



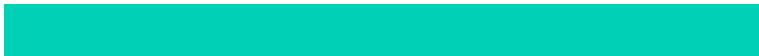
68.6358, -4.1613, 37.4598

# Triad

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



68.6358, 24.4164, 34.7447



68.6358, -49.0540, 3.2624



68.6358, 25.4110, -55.4682

# Complementary

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



68.6340, 24.4203, 34.7439



65.6958, -8.9831, -45.0583

# 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.



68.6358, -3.1691, -68.2779



68.6340, 24.4203, 34.7439



68.6358, -43.6317, -27.1564

# Square

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



68.6358, 24.4164, 34.7447



68.6358, -44.0060, 24.2067



68.6358, -27.8524, -56.3013



68.6358, 48.8804, -25.9995



# Rectangle

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



68.6340, 24.4203, 34.7439



68.6358, -21.2966, 36.1778



68.6358, -27.8524, -56.3013



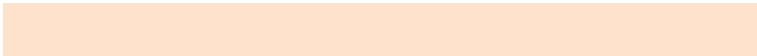
68.6358, 15.9463, -62.2870

# Sweetspot

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



68.6358, 24.4164, 34.7447



89.4466, 1.7852, 17.2811



56.3561, 70.9279, -12.5636



40.7233, 1.3476, 8.6873

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



68.6358, 24.4164, 34.7447



63.5598, 32.9343, 36.5377



92.1543, -17.0024, 50.5471



43.9034, -0.9908, 5.2334



41.4890, 33.2365, 26.1472



13.7406, 8.4481, 8.6148



# Inverse Universe

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



65.6958, -8.9831, -45.0583



60.0406, -5.2508, -56.5203



43.3376, 34.6176, -102.1212



43.6955, -3.5047, -0.6133



38.2944, 2.3327, -52.9003



12.8259, -0.7739, -14.3606



# Previews

## White Background



This preview shows how the HunterLab color 68.6340, 24.4203, 34.7439 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

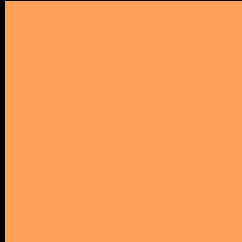
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 68.6340, 24.4203, 34.7439 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 68.6340, 24.4203, 34.7439 Background



This preview shows how black text looks on a background with the HunterLab color 68.6340, 24.4203, 34.7439.



This preview shows how white text looks on a background with the HunterLab color 68.6340, 24.4203, 34.7439.

34.7439.

# 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

68.6340, 24.4203, 34.7439

### Protanopia

68.7518, -7.6313, 32.6876

### Deuteranopia

68.6271, 5.1149, 34.9522



## Tritanopia

68.5941, 34.7857, 12.5184

# Trichromacy



## Original Color

68.6340, 24.4203, 34.7439

## Protanomaly

68.4269, 3.1831, 33.2469

## Deuteranomaly

68.5947, 12.1342, 34.8703

## Tritanomaly

68.4211, 30.4604, 22.5100

# Monochromacy



## Original Color

68.6340, 24.4203, 34.7439

## Achromatopsia

67.5582, -3.6047, 3.6706

## Achromatomaly

67.2749, 4.1669, 17.2000

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 68.6340, 24.4203, 34.7439 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, 160, 88)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 88)  
}
```

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, 160, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 88) }
```

## Border

The CSS property to change the border of an element to HunterLab 68.6340, 24.4203, 34.7439 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, 160, 88) }
```



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

```
.border{ border-color:rgb(255, 160, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 160, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 88);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
88) }
```

# Background

The CSS property to change the background color of an element to HunterLab 68.6340, 24.4203, 34.7439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 88) }
```

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

```
.background{ background-color: rgb(255,  
160, 88) }
```

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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