

# Converting Colors

HunterLab(63.7906, 34.3283,  
32.5630)

Have a look what the booklet for  
HunterLab(63.7906, 34.3283,  
32.5630) contains.

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# Color

**HunterLab(63.7380, 34.4809,  
32.4532)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF8C52
RGB	255, 140, 82
RGB Percent	100%, 55%, 32%
CMY	0.0000, 0.4510, 0.6784
CMYK	0.00, 0.45, 0.68, 0.00
HSL	20°, 100%, 66%
HSV	20°, 68%, 100%
XYZ	52.1410, 40.6253, 13.0759
YIQ	167.7730, 87.1580, 6.3420

# Conversions

## Conversions Part 2

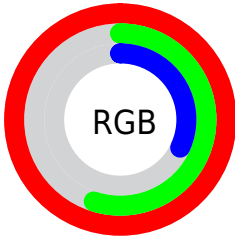
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 169, 82
Decimal	16747602
CIE <sub>Lab</sub>	69.91, 38.99, 49.45
CIE <sub>LCh</sub>	70, 62.975, 51.746
Yxy	40.6275, 0.4926, 0.3838
Android (android.graphics.Color)	4294937682 (0xFFFF8C52)
YUV	167.7730, -42.2861, 76.4981
Hunter-Lab	63.7380, 34.4809, 32.4532

# Details

The HunterLab color **63.7380, 34.4809, 32.4532** 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 **69.9594, -16.5570, -37.3599**, and the grayscale version is **62.6271, -3.3416, 3.4026**.

A 20% lighter version of the original color is **78.7297, 9.5688, 31.9693**, and **42.9263, 31.9820, 25.0236** is the 20% darker color. If you saturate the color by 10%, you get **59.7751, 41.8844, 33.7912**, and if you desaturate by 10%, it is **68.1407, 27.3712, 30.2433**.

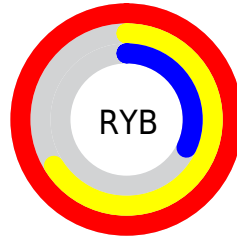
# Distribution



Red (100%)

Green (55%)

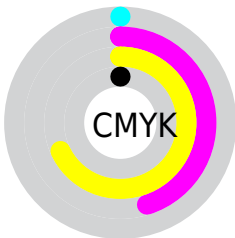
Blue (32%)



Red (100%)

Yellow (66%)

Blue (32%)

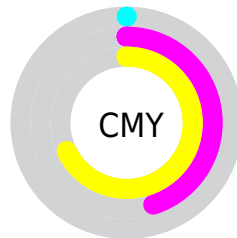


Cyan (0%)

Magenta (45%)

Yellow (68%)

Black (0%)



Cyan (0%)

Magenta (45%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.7380, 34.4809, 32.4532 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 63.7380, 34.4809, 32.4532 by changing the saturation by 10% instead.



63.7380, 34.4809,  
32.4532

63.7380, 34.4809,  
32.4532

186.7515, 41.4601,  
60.0443

52.9416, 33.2593,  
28.8278

87.2457, 36.5979,  
39.2341

42.8332, 31.9256,  
24.9999

99.8890, 37.5181,  
42.4387

33.4654, 30.4677,  
20.9300

113.0901, 38.3542,  
45.5455

24.9019, 28.8839,  
17.0778

126.8265, 39.1122,  
48.5692

17.2271, 27.1946,  
12.0589

141.0779, 39.7973,  
51.5217

10.5589, 25.5066,  
7.3912

155.8265, 40.4144,

0.0000, INF, NaN

54.4132

0.0000, NaN, NaN

171.0559, 40.9674,  
57.2517

0.0000, NaN, NaN

■ 63.7380, 34.4809,  
32.4532

■ 63.7380, 34.4809,  
32.4532

■ 59.7751, 41.8844,  
33.7912

■ 68.1407, 27.3712,  
30.2433

■ 56.2931, 49.4168,  
34.1872

■ 72.9312, 20.6690,  
27.2616

■ 53.3320, 56.7982,  
33.6817

■ 78.0673, 14.4143,  
23.6177

■ 52.7599, 58.3190,  
33.5314

■ 83.5094, 8.6132,  
19.4127

■ 89.2228, 3.2486,  
14.7344

95.1776, -1.7093,  
9.6561

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.



63.7397, 56.3594, 20.0115



63.7380, 34.4809, 32.4532



63.7397, 4.7110, 36.6198

# Triad

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



63.7397, 34.4767, 32.4540



63.7397, -49.3294, 10.5535



63.7397, 18.3501, -67.0601

# Complementary

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



63.7380, 34.4809, 32.4532



69.9594, -16.5570, -37.3599

# 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.



63.7397, -11.1331, -73.3847



63.7380, 34.4809, 32.4532



63.7397, -46.9800, -19.1976

# Square

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



63.7397, 34.4767, 32.4540



63.7397, -41.1996, 28.1606



63.7397, -34.0924, -53.0323



63.7397, 45.9615, -38.3281



# Rectangle

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



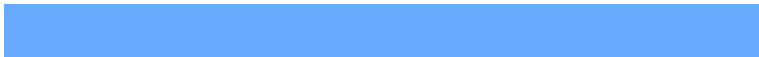
63.7380, 34.4809, 32.4532



63.7397, -14.2509, 36.4320



63.7397, -34.0924, -53.0323



63.7397, 8.2197, -72.2675

# Sweetspot

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



63.7397, 34.4767, 32.4540



87.9690, 4.3705, 15.7799



55.9832, 75.3967, -20.3393



39.9506, 2.7116, 7.9173

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



63.7397, 34.4767, 32.4540



58.6216, 44.2603, 34.0195



87.3798, -9.9092, 48.2529



43.5686, -0.4219, 4.8694



38.4576, 41.2603, 24.4197



12.7744, 10.8067, 8.0607



# Inverse Universe

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



69.9594, -16.5570, -37.3599



65.4747, -14.2679, -45.5758



45.1072, 28.6836, -96.0568



44.0398, -4.0655, -0.1961



43.5699, -6.4495, -40.5360



14.3177, -3.1184, -11.1641



# Previews

## White Background



This preview shows how the HunterLab color 63.7380, 34.4809, 32.4532 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 63.7380, 34.4809, 32.4532 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

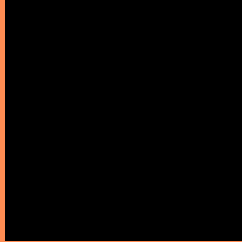
Any Text WCAG AA ✓ Pass

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 63.7380, 34.4809, 32.4532 Background



This preview shows how black text looks on a background with the HunterLab color 63.7380, 34.4809, 32.4532.



This preview shows how white text looks on a background with the HunterLab color 63.7380, 34.4809,



# 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

63.7380, 34.4809, 32.4532

### Protanopia

63.8101, -6.8200, 29.7921

### Deuteranopia

63.8179, 4.6415, 32.8825



## Tritanopia

63.7194, 42.3915, 15.4543

# Trichromacy



## Original Color

63.7380, 34.4809, 32.4532

## Protanomaly

63.2395, 7.2390, 30.4387

## Deuteranomaly

63.6405, 15.2035, 32.5897

## Tritanomaly

63.6646, 38.9716, 23.0659

# Monochromacy



## Original Color

63.7380, 34.4809, 32.4532

## Achromatopsia

62.5758, -3.3389, 3.3999

## Achromatomaly

62.0800, 7.9879, 15.7899

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 63.7380, 34.4809, 32.4532 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, 82)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 82)  
}
```

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, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 82) }
```

## Border

The CSS property to change the border of an element to HunterLab 63.7380, 34.4809, 32.4532 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, 82) }
```



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

```
.border{ border-color:rgb(255, 140, 82) }
```

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, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 82);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
82) }
```

# Background

The CSS property to change the background color of an element to HunterLab 63.7380, 34.4809, 32.4532 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, 82) }
```

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

```
.background{ background-color: rgb(255,  
140, 82) }
```

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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