

# Converting Colors

HunterLab(63.3444, 35.8172,  
31.2198)

Have a look what the booklet for  
HunterLab(63.3444, 35.8172,  
31.2198) contains.

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# Color

**HunterLab(63.3444, 35.8172,  
31.2198)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF8A57
RGB	255, 138, 87
RGB Percent	100%, 54%, 34%
CMY	0.0000, 0.4588, 0.6588
CMYK	0.00, 0.46, 0.66, 0.00
HSL	18°, 100%, 67%
HSV	18°, 66%, 100%
XYZ	52.0488, 40.1251, 14.0185
YIQ	167.1690, 86.1030, 8.9430

# Conversions

## Conversions Part 2

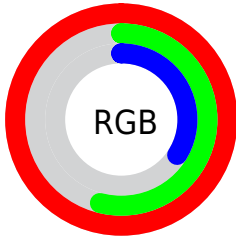
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 160, 87
Decimal	16747095
CIE Lab	69.56, 40.28, 46.53
CIE LCh	70, 61.537, 49.118
Yxy	40.1273, 0.4901, 0.3779
Android (android.graphics.Color)	4294937175 (0xFFFF8A57)
YUV	167.1690, -39.5233, 77.0278
Hunter-Lab	63.3444, 35.8172, 31.2198

# Details

The HunterLab color **63.3444, 35.8172, 31.2198** 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 **72.4078, -19.3001, -33.1881**, and the grayscale version is **62.3674, -3.3278, 3.3885**.

A 20% lighter version of the original color is **78.2527, 11.0933, 30.1951**, and **42.5828, 33.0842, 24.2654** is the 20% darker color. If you saturate the color by 10%, you get **59.2414, 43.4940, 32.7759**, and if you desaturate by 10%, it is **67.9259, 28.3993, 28.8443**.

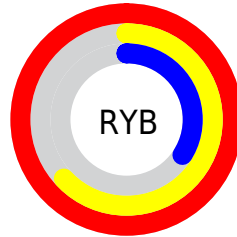
# Distribution



Red (100%)

Green (54%)

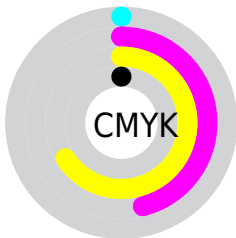
Blue (34%)



Red (100%)

Yellow (63%)

Blue (34%)

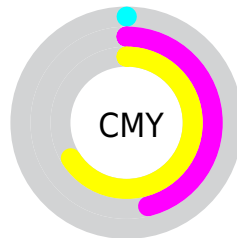


Cyan (0%)

Magenta (46%)

Yellow (66%)

Black (0%)



Cyan (0%)

Magenta (46%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.3444, 35.8172, 31.2198 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 63.3444, 35.8172, 31.2198 by changing the saturation by 10% instead.



63.3444, 35.8172,  
31.2198

63.3444, 35.8172,  
31.2198

186.1880, 43.2254,  
57.4775

52.5716, 34.5421,  
27.7833

86.8086, 38.0380,  
37.6528

42.4886, 33.1544,  
24.1545

99.4317, 39.0083,  
40.6969

33.1480, 31.6432,  
20.2924

112.6135, 39.8931,  
43.6508

24.6144, 30.0094,  
16.4824

126.3312, 40.6986,  
46.5286

16.9729, 28.2806,  
11.8811

140.5647, 41.4301,  
49.3416

10.3432, 26.5856,  
7.2403

155.2960, 42.0924,

0.0000, INF, NaN

52.0992

0.0000, NaN, NaN

170.5087, 42.6896,  
54.8090

0.0000, NaN, NaN

■ 63.3444, 35.8172,  
31.2198

■ 63.3444, 35.8172,  
31.2198

■ 59.2414, 43.4940,  
32.7759

■ 67.9259, 28.3993,  
28.8443

■ 55.6660, 51.2376,  
33.4202

■ 72.9269, 21.3707,  
25.7622

■ 52.6670, 58.7375,  
33.1418

■ 78.2986, 14.7802,  
22.0889

■ 51.6011, 61.6386,  
32.8754

■ 83.9966, 8.6374,  
17.9258

■ 89.9822, 2.9258,  
13.3575

96.2222, -2.3849,  
8.4527

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.



63.3461, 55.8828, 18.0239



63.3444, 35.8172, 31.2198



63.3461, 7.0960, 35.9285

# Triad

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



63.3461, 35.8130, 31.2207



63.3461, -48.0305, 12.3685



63.3461, 15.2173, -66.4686

# Complementary

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



63.3444, 35.8172, 31.2198



72.4078, -19.3001, -33.1881

# 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.



63.3461, -13.2229, -70.2077



63.3444, 35.8172, 31.2198



63.3461, -46.6218, -15.7078

# Square

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



63.3461, 35.8130, 31.2207



63.3461, -39.1428, 28.6306



63.3461, -34.8890, -48.7315



63.3461, 42.6389, -40.0245



# Rectangle

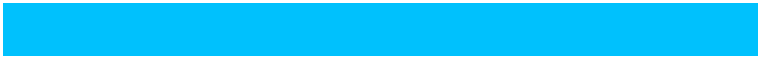
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.3444, 35.8172, 31.2198



63.3461, -11.6856, 36.0234



63.3461, -34.8890, -48.7315



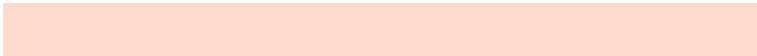
63.3461, 5.3698, -70.7520

# Sweetspot

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



63.3461, 35.8130, 31.2207



87.4847, 5.2277, 15.2833



56.9781, 74.5315, -23.4236



39.6977, 3.1640, 7.6626

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



63.3461, 35.8130, 31.2207



58.0673, 45.9146, 33.0774



85.9490, -7.2721, 46.6137



43.4583, -0.2336, 4.7490



37.6052, 43.6737, 23.9368



12.4879, 11.5516, 7.8972



# Inverse Universe

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



72.4078, -19.3001, -33.1881



68.1932, -17.7691, -40.5466



47.7749, 23.8852, -87.5536



44.1540, -4.2505, -0.0586



45.3852, -9.2425, -36.7756



14.8265, -3.8690, -10.1797



# Previews

## White Background



This preview shows how the HunterLab color 63.3444, 35.8172, 31.2198 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 63.3444, 35.8172, 31.2198 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 63.3444, 35.8172, 31.2198 Background



This preview shows how black text looks on a background with the HunterLab color 63.3444, 35.8172, 31.2198.



This preview shows how white text looks on a background with the HunterLab color 63.3444, 35.8172, 31.2198.



# 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

63.3444, 35.8172, 31.2198

### Protanopia

63.4004, -6.5743, 28.1458

### Deuteranopia

63.3652, 4.6690, 31.6578



## Tritanopia

63.2361, 43.2052, 15.7279

# Trichromacy



## Original Color

63.3444, 35.8172, 31.2198

## Protanomaly

62.6569, 8.2887, 28.7334

## Deuteranomaly

62.9216, 15.7176, 31.1438

## Tritanomaly

63.2401, 40.1029, 22.4080

# Monochromacy



## Original Color

63.3444, 35.8172, 31.2198

## Achromatopsia

62.1634, -3.3169, 3.3775

## Achromatomaly

61.4443, 8.7598, 14.8133

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 63.3444, 35.8172, 31.2198 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, 138, 87)` looks like.

```
.text, #text, p{  
    color:rgb(255, 138, 87)  
}
```

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, 138, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 138, 87) }
```

## Border

The CSS property to change the border of an element to HunterLab 63.3444, 35.8172, 31.2198 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, 138, 87) }
```



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

```
.border{ border-color:rgb(255, 138, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 138, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 138, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 138, 87);  
box-shadow:4px 4px 4px 4px rgb(255, 138,  
87) }
```

# Background

The CSS property to change the background color of an element to HunterLab 63.3444, 35.8172, 31.2198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 138, 87) }
```

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

```
.background{ background-color: rgb(255,  
138, 87) }
```

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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