

# Converting Colors

HunterLab(63.4419, 35.2634,  
28.6781)

Have a look what the booklet for  
HunterLab(63.4419, 35.2634,  
28.6781) contains.

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# Color

**HunterLab(63.4419, 35.2634,  
28.6781)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD8B63
RGB	253, 139, 99
RGB Percent	99%, 55%, 39%
CMY	0.0078, 0.4549, 0.6118
CMYK	0.00, 0.45, 0.61, 0.01
HSL	16°, 97%, 69%
HSV	16°, 61%, 99%
XYZ	51.9928, 40.2487, 16.8328
YIQ	168.5260, 80.7840, 11.7280

# Conversions

## Conversions Part 2

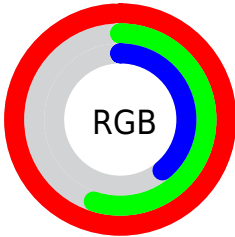
Format	Color
R <sub>Y</sub> B	253, 153, 99
Decimal	16616291
CIE Lab	69.65, 39.75, 40.33
CIE LCh	70, 56.625, 45.412
Yxy	40.2509, 0.4767, 0.3690
Android (android.graphics.Color)	4294806371 (0xFFFD8B63)
YUV	168.5260, -34.2763, 74.0837
Hunter-Lab	63.4419, 35.2634, 28.6781

# Details

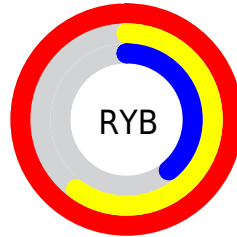
The HunterLab color **63.4419, 35.2634, 28.6781** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **75.7163, -22.4850, -26.5053**, and the grayscale version is **62.9078, -3.3566, 3.4179**.

A 20% lighter version of the original color is **78.7896, 11.9098, 26.7261**, and **42.5814, 32.3425, 22.4438** is the 20% darker color. If you saturate the color by 10%, you get **59.0537, 43.2074, 30.6933**, and if you desaturate by 10%, it is **68.3439, 27.5641, 25.9663**.

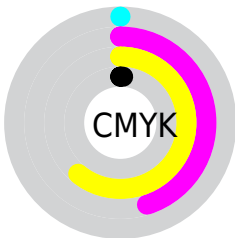
# Distribution



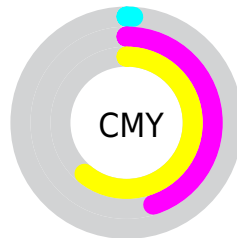
- Red (99%)
- Green (55%)
- Blue (39%)



- Red (99%)
- Yellow (60%)
- Blue (39%)



- Cyan (0%)
- Magenta (45%)
- Yellow (61%)
- Black (1%)




- Cyan (1%)
- Magenta (45%)
- Yellow (61%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.4419, 35.2634, 28.6781 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 63.4419, 35.2634, 28.6781 by changing the saturation by 10% instead.





 63.4419, 35.2634,  
28.6781


 63.4419, 35.2634,  
28.6781

186.3276, 42.5006,  
52.0805


 52.6633, 34.0096,  
25.6564


 86.9168, 37.4432,  
34.3567


 42.5739, 32.6432,  
22.4708


 99.5450, 38.3935,  
37.0555

 33.2266, 31.1529,  
19.0803


 112.7316, 39.2589,  
39.6822

 24.6856, 29.5386,  
15.4681

 126.4539, 40.0454,  
42.2488

 17.0358, 27.8252,  
11.9251

140.6919, 40.7584,  
44.7647

 10.3965, 26.1331,  
7.2776

155.4274, 41.4026,

0.0000, INF, NaN

47.2379

0.0000, NaN, NaN

170.6442, 41.9821,  
49.6747

0.0000, NaN, NaN

■ 63.4419, 35.2634,  
28.6781

■ 63.4419, 35.2634,  
28.6781

■ 59.0537, 43.2074,  
30.6933

■ 68.3439, 27.5641,  
25.9663

■ 55.2398, 51.1885,  
31.8865

■ 73.6913, 20.2445,  
22.6826

■ 52.0621, 58.8698,  
32.1818

■ 79.4287, 13.3524,  
18.9409

■ 49.7463, 65.2275,  
31.7953

■ 85.5064, 6.8942,  
14.8340

■ 91.8820, 0.8502,  
10.4342

98.5201, -4.8129,  
5.7974

99.8111, -5.9935,  
5.1991

# Harmonies

## Analogous

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



63.4436, 51.7682, 14.7424



63.4419, 35.2634, 28.6781



63.4436, 9.5741, 34.2227

# Triad

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



63.4436, 35.2593, 28.6790



63.4436, -44.5584, 14.2109



63.4436, 10.3184, -60.8283

# Complementary

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



63.4419, 35.2634, 28.6781



75.7163, -22.4850, -26.5053

# 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.



63.4436, -15.3874, -61.1579



63.4419, 35.2634, 28.6781



63.4436, -44.4245, -10.3878

# Square

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



63.4436, 35.2593, 28.6790



63.4436, -34.9495, 28.4243



63.4436, -34.5488, -40.0993



63.4436, 35.8787, -39.3245



# Rectangle

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



63.4419, 35.2634, 28.6781



63.4436, -7.9931, 34.7317



63.4436, -34.5488, -40.0993



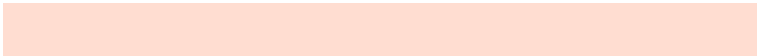
63.4436, 1.3511, -63.6375

# Sweetspot

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



63.4436, 35.2593, 28.6790



88.0875, 5.1698, 13.7246



58.8958, 70.2060, -26.8613



39.9006, 3.2328, 6.9345

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



63.4436, 35.2593, 28.6790



58.7019, 45.3435, 31.3036



83.7436, -3.8828, 43.1768



43.3060, 0.0272, 4.5823



36.5555, 46.7540, 23.3438



12.1204, 12.5416, 7.6881



# Inverse Universe

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



75.7163, -22.4850, -26.5053



72.7542, -22.5087, -32.6625



52.7054, 15.7767, -71.7846



44.3122, -4.5061, 0.1315



47.9477, -13.0258, -31.8115



15.5418, -4.8895, -8.8708



# Previews

## White Background



This preview shows how the HunterLab color 63.4419, 35.2634, 28.6781 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

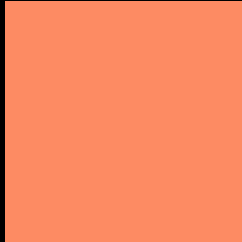
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 63.4419, 35.2634, 28.6781 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 63.4419, 35.2634, 28.6781 Background



This preview shows how black text looks on a background with the HunterLab color 63.4419, 35.2634, 28.6781.



This preview shows how white text looks on a background with the HunterLab color 63.4419, 35.2634,



# 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

63.4419, 35.2634, 28.6781

### Protanopia

63.7086, -6.5905, 25.1456

### Deuteranopia

63.5708, 4.2398, 29.3697



## Tritanopia

63.4771, 42.7985, 15.5910

# Trichromacy



## Original Color

63.4419, 35.2634, 28.6781

## Protanomaly

62.8963, 8.0785, 25.7855

## Deuteranomaly

63.0896, 15.2353, 28.7424

## Tritanomaly

63.4125, 39.6478, 20.9952

# Monochromacy



## Original Color

63.4419, 35.2634, 28.6781

## Achromatopsia

62.9885, -3.3609, 3.4223

## Achromatomaly

62.2468, 8.8706, 13.3793

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 63.4419, 35.2634, 28.6781 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(253, 139, 99)` looks like.

```
.text, #text, p{  
    color:rgb(253, 139, 99)  
}
```

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(253, 139, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 139, 99) }
```

## Border

The CSS property to change the border of an element to HunterLab 63.4419, 35.2634, 28.6781 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(253, 139, 99) }
```



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

```
.border{ border-color:rgb(253, 139, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 139, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 139, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 139, 99);  
box-shadow:4px 4px 4px 4px rgb(253, 139,  
99) }
```

# Background

The CSS property to change the background color of an element to HunterLab 63.4419, 35.2634, 28.6781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 139, 99) }
```

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

```
.background{ background-color: rgb(253,  
139, 99) }
```

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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