

# Converting Colors

HunterLab(67.6482, 48.1971,  
38.4640)

Have a look what the booklet for  
HunterLab(67.6482, 48.1971,  
38.4640) contains.

<b>HunterLab(62.8571, 35.0637, 34.9104)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(62.8571, 35.0637,  
34.9104)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF893F
RGB	255, 137, 63
RGB Percent	100%, 54%, 25%
CMY	0.0000, 0.4627, 0.7529
CMYK	0.00, 0.46, 0.75, 0.00
HSL	23°, 100%, 62%
HSV	23°, 75%, 100%
XYZ	51.0828, 39.5102, 9.6364
YIQ	163.8460, 94.0820, 2.0020

# Conversions

## Conversions Part 2

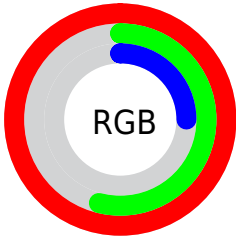
Format	Color
R <sub>Y</sub> B	255, 183, 63
Decimal	16746815
CIE Lab	69.12, 39.62, 57.63
CIE LCh	69, 69.937, 55.490
Yxy	39.5123, 0.5096, 0.3942
Android (android.graphics.Color)	4294936895 (0xFFFF893F)
YUV	163.8460, -49.7171, 79.9421
Hunter-Lab	62.8571, 35.0637, 34.9104

# Details

The HunterLab color **62.8571, 35.0637, 34.9104** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **64.2820, -10.7995, -47.8388**, and the grayscale version is **61.0379, -3.2568, 3.3163**.

A 20% lighter version of the original color is **77.5868, 9.5877, 35.5818**, and **42.0859, 32.4195, 26.3389** is the 20% darker color. If you saturate the color by 10%, you get **59.2903, 42.1361, 35.4802**, and if you desaturate by 10%, it is **66.8208, 28.2787, 33.3807**.

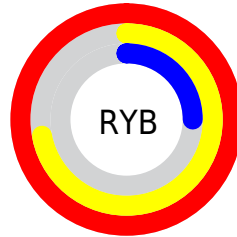
# Distribution



Red (100%)

Green (54%)

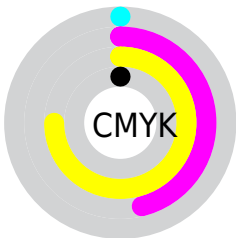
Blue (25%)



Red (100%)

Yellow (72%)

Blue (25%)

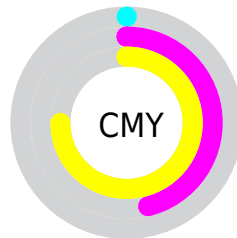


Cyan (0%)

Magenta (46%)

Yellow (75%)

Black (0%)



Cyan (0%)

Magenta (46%)


Yellow (75%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.8571, 35.0637, 34.9104 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 62.8571, 35.0637, 34.9104 by changing the saturation by 10% instead.





 62.8571, 35.0637,  
34.9104


 62.8571, 35.0637,  
34.9104


185.4895, 42.2977,  
66.4093


 52.1138, 33.8087,  
30.7268


 86.2672, 37.2441,  
42.7185


 42.0622, 32.4408,  
26.3126


 98.8652, 38.1945,  
46.3959


 32.7556, 30.9487,  
21.6862


 112.0229, 39.0596,  
49.9513

 24.2592, 29.3328,  
16.9815

 125.7176, 39.8457,  
53.4021

 16.6594, 27.6195,  
11.6615

 139.9288, 40.5581,  
56.7623

 10.0777, 25.9379,  
7.0544

154.6385, 41.2015,

0.0000, INF, NaN

60.0439

0.0000, NaN, NaN

169.8304, 41.7801,  
63.2568

0.0000, NaN, NaN

■ 62.8571, 35.0637,  
34.9104

■ 62.8571, 35.0637,  
34.9104

■ 59.2903, 42.1361,  
35.4802

■ 66.8208, 28.2787,  
33.3807

■ 56.1478, 49.3338,  
35.0943

■ 71.1402, 21.8980,  
30.9514

■ 54.8175, 52.6672,  
34.7003

■ 75.7813, 15.9684,  
27.7144

■ 80.7107, 10.5035,  
23.7672

■ 85.8982, 5.4929,  
19.2026

■ 91.3171, 0.9121,  
14.1039

■ 96.9440, -3.2708,  
8.5428

99.9999, -5.3361,  
5.4331

# Harmonies

## Analogous

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



62.8588, 61.7062, 23.6175



62.8571, 35.0637, 34.9104



62.8588, 1.5106, 38.1312

# Triad

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



62.8588, 35.0594, 34.9112



62.8588, -53.3323, 7.8148



62.8588, 25.0991, -74.6999

# Complementary

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



62.8571, 35.0637, 34.9104



64.2820, -10.7995, -47.8388

# 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.



62.8588, -8.0815, -86.2370



62.8571, 35.0637, 34.9104



62.8588, -49.4775, -27.0143

# Square

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



62.8588, 35.0594, 34.9112



62.8588, -46.1302, 28.2140



62.8588, -34.3115, -65.6114



62.8588, 55.2021, -39.1183



# Rectangle

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



62.8571, 35.0637, 34.9104



62.8588, -18.8292, 37.5839



62.8588, -34.3115, -65.6114



62.8588, 13.7728, -82.0880

# Sweetspot

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



62.8588, 35.0594, 34.9112



87.1217, 4.4055, 18.0778



53.0732, 79.9905, -14.9737



39.4176, 2.8355, 9.1776

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



62.8588, 35.0594, 34.9112



57.7567, 45.5228, 35.4129



89.2580, -13.8893, 51.6333



43.7435, -0.7197, 5.0599



39.9610, 37.1781, 25.2746



13.2618, 9.5890, 8.3397

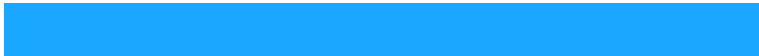


# Inverse Universe

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



64.2820, -10.7995, -47.8388



59.0777, -6.1025, -58.6512



38.5191, 40.9366, -121.1707



43.8595, -3.7723, -0.4142



40.7671, -1.9208, -46.8088



13.5279, -1.9065, -12.7931



# Previews

## White Background



This preview shows how the HunterLab color 62.8571, 35.0637, 34.9104 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 62.8571, 35.0637, 34.9104 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 62.8571, 35.0637, 34.9104 Background



This preview shows how black text looks on a background with the HunterLab color 62.8571, 35.0637, 34.9104.



This preview shows how white text looks on a background with the HunterLab color 62.8571, 35.0637,



# 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

62.8571, 35.0637, 34.9104

### Protanopia

62.8770, -7.5607, 32.8310

### Deuteranopia

63.0653, 4.5784, 35.4233



## Tritanopia

62.7583, 44.0180, 16.0022

# Trichromacy



**Original Color**

62.8571, 35.0637, 34.9104

**Protanomaly**

62.0811, 7.1812, 33.0027

**Deuteranomaly**

62.6628, 15.7135, 34.9726

**Tritanomaly**

62.6138, 40.2419, 24.7714

# Monochromacy



**Original Color**

62.8571, 35.0637, 34.9104

**Achromatopsia**

60.9293, -3.2510, 3.3104

**Achromatomaly**

60.4267, 7.7231, 17.6689

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 62.8571, 35.0637, 34.9104 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, 137, 63)` looks like.

```
.text, #text, p{  
    color:rgb(255, 137, 63)  
}
```

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, 137, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 137, 63) }
```

## Border

The CSS property to change the border of an element to HunterLab 62.8571, 35.0637, 34.9104 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, 137, 63) }
```



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

```
.border{ border-color:rgb(255, 137, 63) }
```

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

Here you see how a box with a 4 pixel rgb(255, 137, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 137, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 137, 63);  
box-shadow:4px 4px 4px 4px rgb(255, 137,  
63) }
```

# Background

The CSS property to change the background color of an element to HunterLab 62.8571, 35.0637, 34.9104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 137, 63) }
```

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

```
.background{ background-color: rgb(255,  
137, 63) }
```

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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