

# Converting Colors

HunterLab(67.6951, 83.2762,  
39.0451)

Have a look what the booklet for  
HunterLab(67.6951, 83.2762,  
39.0451) contains.

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# Color

**HunterLab(55.0947, 54.2544,  
29.8382)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF623F
RGB	255, 98, 63
RGB Percent	100%, 38%, 25%
CMY	0.0000, 0.6156, 0.7529
CMYK	0.00, 0.62, 0.75, 0.00
HSL	11°, 100%, 62%
HSV	11°, 75%, 100%
XYZ	46.5049, 30.3543, 8.1105
YIQ	140.9530, 104.8070, 22.3990

# Conversions

## Conversions Part 2

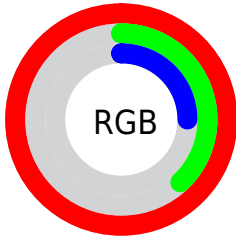
Format	Color
R <sub>Y</sub> B	255, 106, 63
Decimal	16736831
CIE Lab	61.96, 57.96, 50.26
CIE LCh	62, 76.718, 40.930
Yxy	30.3560, 0.5473, 0.3572
Android (android.graphics.Color)	4294926911 (0xFFFF623F)
YUV	140.9530, -38.4308, 100.0192
Hunter-Lab	55.0947, 54.2544, 29.8382

# Details

The HunterLab color **55.0947, 54.2544, 29.8382** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **77.1091, -29.1718, -25.7408**, and the grayscale version is **51.7119, -2.7592, 2.8096**.

A 20% lighter version of the original color is **67.5007, 29.3694, 28.3853**, and **35.4388, 50.2566, 22.0220** is the 20% darker color. If you saturate the color by 10%, you get **51.6979, 62.3013, 30.8917**, and if you desaturate by 10%, it is **59.2733, 45.6477, 27.9787**.

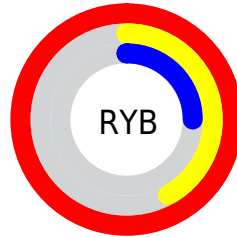
# Distribution



Red (100%)

Green (38%)

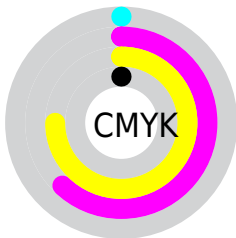
Blue (25%)



Red (100%)

Yellow (42%)

Blue (25%)

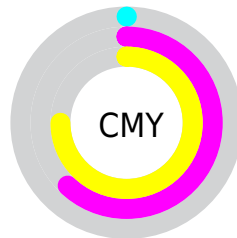


Cyan (0%)

Magenta (62%)

Yellow (75%)

Black (0%)



Cyan (0%)

Magenta (62%)


Yellow (75%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.0947, 54.2544, 29.8382 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 55.0947, 54.2544, 29.8382 by changing the saturation by 10% instead.





 55.0947, 54.2544,  
29.8382


 55.0947, 54.2544,  
29.8382


174.2298, 67.5268,  
58.4726

 44.8430, 52.2910,  
25.9993


 77.6046, 57.8585,  
36.9609


 35.3189, 50.2441,  
21.9235


 89.7860, 59.5089,  
40.3037


 26.5848, 48.1494,  
17.8544


 102.5454, 61.0614,  
43.5319

 18.7200, 46.1203,  
13.1040

 115.8578, 62.5210,  
46.6634

 11.8338, 44.4997,  
8.2836

 129.7011, 63.8926,  
49.7124

 4.6584, 64.1340,  
3.2609

 144.0556, 65.1812,

0.0000, INF, NaN

52.6907

0.0000, NaN, NaN

158.9039, 66.3912,  
55.6081

0.0000, NaN, NaN

■ 55.0947, 54.2544,  
29.8382

■ 55.0947, 54.2544,  
29.8382

■ 51.6979, 62.3013,  
30.8917

■ 59.2733, 45.6477,  
27.9787

■ 49.1374, 69.2529,  
31.0709

■ 64.1455, 36.9358,  
25.4579

■ 48.2212, 71.9583,  
30.9734

■ 69.6241, 28.4071,  
22.4349

■ 75.6252, 20.2248,  
19.0454

■ 82.0752, 12.4580,  
15.3936

■ 88.9117, 5.1179,  
11.5543

■ 96.0829, -1.8168,  
7.5796

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.



55.0963, 75.0626, 13.3426



55.0947, 54.2544, 29.8382



55.0963, 19.5735, 35.0926

# Triad

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



55.0963, 54.2495, 29.8390



55.0963, -51.3348, 19.4172



55.0963, 9.7302, -96.5704

# Complementary

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



55.0947, 54.2544, 29.8382



77.1091, -29.1718, -25.7408

# 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.



55.0963, -22.3386, -91.1958



55.0947, 54.2544, 29.8382



55.0963, -52.7658, -9.8441

# Square

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



55.0963, 54.2495, 29.8390



55.0963, -38.9259, 32.0224



55.0963, -43.4490, -53.6807



55.0963, 45.5877, -65.7068



# Rectangle

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



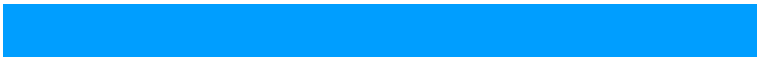
55.0947, 54.2544, 29.8382



55.0963, -3.9785, 35.7530



55.0963, -43.4490, -53.6807



55.0963, -1.8993, -99.2588

# Sweetspot

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



55.0963, 54.2495, 29.8390



83.6113, 10.7372, 14.5274



54.9024, 87.0836, -40.0358



37.5674, 6.2263, 7.3502

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



55.0963, 54.2495, 29.8390



50.3865, 65.7456, 31.0832



76.7335, 7.0763, 43.7730



43.0379, 0.4886, 4.2875



35.0762, 51.3164, 22.5122

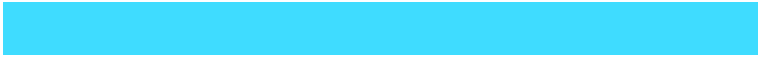


11.5566, 14.1441, 7.3687

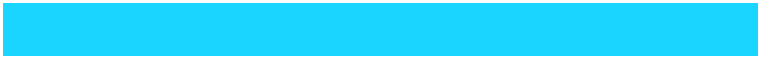


# Inverse Universe

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



77.1091, -29.1718, -25.7408



74.2285, -28.1887, -30.3222



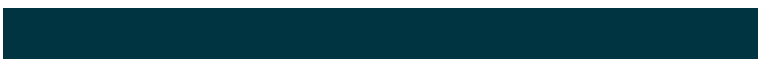
48.4310, 17.2989, -85.6736



44.5925, -4.9571, 0.4667



52.6084, -19.5109, -23.6376



16.8362, -6.6481, -6.6924



# Previews

## White Background



This preview shows how the HunterLab color 55.0947, 54.2544, 29.8382 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

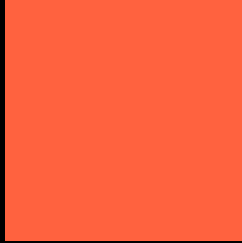
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 55.0947, 54.2544, 29.8382 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 55.0947, 54.2544, 29.8382 Background



This preview shows how black text looks on a background with the HunterLab color 55.0947, 54.2544, 29.8382.



This preview shows how white text looks on a background with the HunterLab color 55.0947, 54.2544,



# 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

55.0947, 54.2544, 29.8382

### Protanopia

55.1149, -6.3033, 25.8937

### Deuteranopia

55.1885, 3.4781, 30.5775



## Tritanopia

55.1040, 57.8652, 21.9954

# Trichromacy



## Original Color

55.0947, 54.2544, 29.8382

## Protanomaly

53.5905, 14.8265, 26.3081

## Deuteranomaly

54.2783, 21.6092, 29.7375

## Tritanomaly

55.0580, 56.4882, 25.2055

# Monochromacy



## Original Color

55.0947, 54.2544, 29.8382

## Achromatopsia

51.6097, -2.7538, 2.8041

## Achromatomaly

50.7982, 15.1346, 13.3322

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 55.0947, 54.2544, 29.8382 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, 98, 63)` looks like.

```
.text, #text, p{  
    color:rgb(255, 98, 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, 98, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 98, 63) }
```

## Border

The CSS property to change the border of an element to HunterLab 55.0947, 54.2544, 29.8382 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, 98, 63) }
```



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

```
.border{ border-color:rgb(255, 98, 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, 98, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 98, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 98, 63);  
box-shadow:4px 4px 4px 4px rgb(255, 98,  
63) }
```

# Background

The CSS property to change the background color of an element to HunterLab 55.0947, 54.2544, 29.8382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 98, 63) }
```

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

```
.background{ background-color: rgb(255, 98,  
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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