

# Converting Colors

Android(4294798391)

Have a look what the booklet for  
Android(4294798391) contains.

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# **Color**

**Android(4294798391)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD6C37
RGB	253, 108, 55
RGB Percent	99%, 42%, 22%
CMY	0.0078, 0.5765, 0.7843
CMYK	0.00, 0.57, 0.78, 0.01
HSL	16°, 98%, 60%
HSV	16°, 78%, 99%
XYZ	46.5602, 31.8836, 7.3146
YIQ	145.3130, 103.4330, 14.2570

# Conversions

## Conversions Part 2

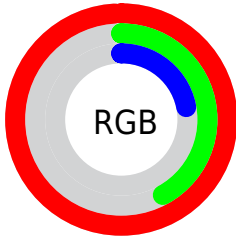
Format	Color
<a href="#">RYB</a>	<a href="#">253, 127, 55</a>
Decimal	<a href="#">16608311</a>
CIELab	<a href="#">63.25, 52.57, 55.33</a>
CIElCh	<a href="#">63, 76.321, 46.465</a>
Yxy	<a href="#">31.8836, 0.5429, 0.3718</a>
Android (android.graphics.Color)	<a href="#">4294798391</a> ( <a href="#">0xFFFD6C37</a> )
YUV	<a href="#">145.3130, -44.5243, 94.4415</a>
Hunter-Lab	<a href="#">56.4656, 48.3721, 31.8454</a>

# Details

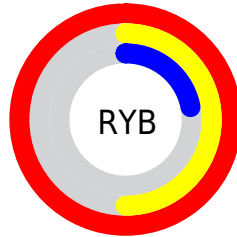
The Android color **4294798391** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **4281846013**, and the grayscale version is **4287795858**.

A 20% lighter version of the original color is **4294943593**, and **4290589952** is the 20% darker color. If you saturate the color by 10%, you get **4294793502**, and if you desaturate by 10%, it is **4294803280**.

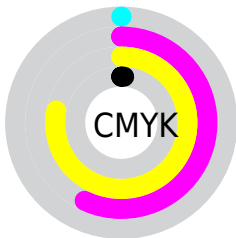
# Distribution



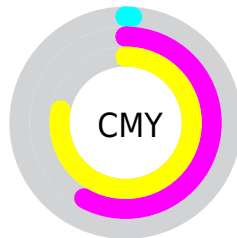
- Red (99%)
- Green (42%)
- Blue (22%)



- Red (99%)
- Yellow (50%)
- Blue (22%)



- Cyan (0%)
- Magenta (57%)
- Yellow (78%)
- Black (1%)



- Cyan (1%)
- Magenta (58%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294798391 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 Android color 4294798391 by changing the saturation by 10% instead.



 4294798391

 4294798391

4294967295

 4292694302

 4294943593

 4290589952

 4294950788

 4288484096

 4294958238

 4286447616

 4294965946

 4284481536

 4294967254

 4282580993

 4294967283

 4280614913

 4278190080

 4294798391

 4294798391

4294793502

4294803280

4294788868

4294807914

4294788096

4294812803

4294817436

4294822326

4294826959

4294831848

4294836223

# Harmonies

## Analogous

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



4294922359



4294798391



4291922688

# Triad

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



4294798391



4278236791



4282881279

# Complementary

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



4294798391



4281846013

# 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.



4278233855



4294798391



4278237374

# Square

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



4294798391



4282298161



4278236667



4291458296

# Rectangle

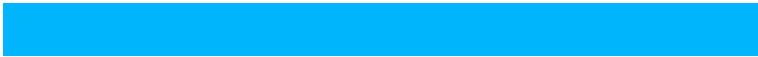
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294798391



4289370880



4278236667



4278230527



# Sweetspot

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



4294798391



4294956228



4294784968



4286604636



4278190080



4286611584



# Same Dimension

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



4294798391



4294921999



4294823735



4286609011



4290720512



4282388736



# Inverse Universe

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



4281846013



4279222271



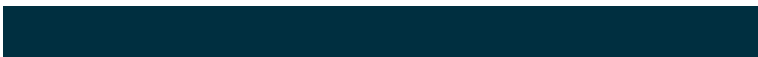
4281820669



4285758592



4278226111



4278202176



# Previews

## White Background



This preview shows how the Android color 4294798391 looks on a white background.

## Color Contrast Check

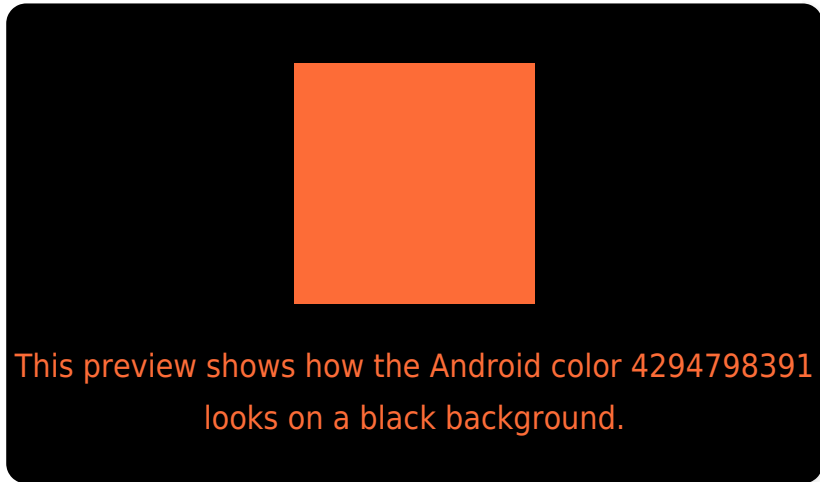
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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](#).



# Android 4294798391 Background



This preview shows how black text looks on a background with the Android color 4294798391.



This preview shows how white text looks on a background with the Android color 4294798391.

# 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**  
4294798391

**Protanopia**  
4289370692

**Deuteranopia**  
4290875948



**Tritanopia**  
4294927981

# Trichromacy



**Original Color**  
4294798391

**Protanomaly**  
4291332415

**Deuteranomaly**  
4292314160

**Tritanomaly**  
4294862937

# Monochromacy



**Original Color**  
4294798391

**Achromatopsia**  
4287730065

**Achromatomaly**  
4290282608

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294798391 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, 108, 55)` looks like.

```
.text, #text, p{  
    color:rgb(253, 108, 55)  
}
```

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, 108, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 108, 55) }
```

## Border

The CSS property to change the border of an element to Android 4294798391 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, 108, 55) }
```

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

```
.border{ border-color:rgb(253, 108, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 108, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 108, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 108, 55);  
box-shadow:4px 4px 4px 4px rgb(253, 108,  
55) }
```

# Background

The CSS property to change the background color of an element to Android 4294798391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 108, 55) }
```

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

```
.background{ background-color: rgb(253,  
108, 55) }
```

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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