

# Converting Colors

Android(4294680898)

Have a look what the booklet for  
Android(4294680898) contains.

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# **Color**

**Android(4294680898)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBA142
RGB	251, 161, 66
RGB Percent	98%, 63%, 26%
CMY	0.0157, 0.3686, 0.7412
CMYK	0.00, 0.36, 0.74, 0.02
HSL	31°, 96%, 62%
HSV	31°, 74%, 98%
XYZ	53.5119, 46.3923, 11.2885
YIQ	177.0800, 84.1350, -10.4650

# Conversions

## Conversions Part 2

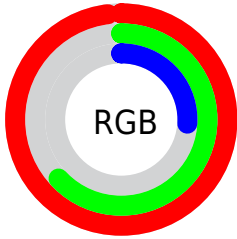
Format	Color
R <sub>Y</sub> B	241, 251, 66
Decimal	16490818
CIE Lab	73.80, 25.80, 60.87
CIE LCh	74, 66.112, 67.032
Yxy	46.3923, 0.4813, 0.4172
Android (android.graphics.Color)	4294680898 (0xFFFB142)
YUV	177.0800, -54.7624, 64.8278
Hunter-Lab	68.1119, 21.0421, 37.8519

# Details

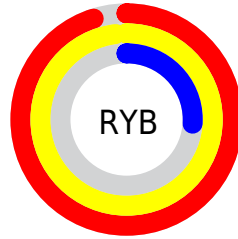
The Android color **4294680898** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **4282555643**, and the grayscale version is **4289901234**.

A 20% lighter version of the original color is **4294957175**, and **4290604290** is the 20% darker color. If you saturate the color by 10%, you get **4294677801**, and if you desaturate by 10%, it is **4294683995**.

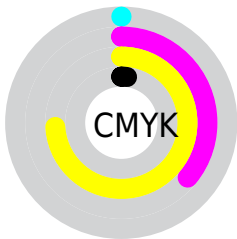
# Distribution



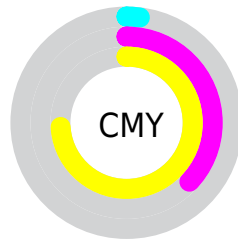
- Red (98%)
- Green (63%)
- Blue (26%)



- Red (95%)
- Yellow (98%)
- Blue (26%)



- Cyan (0%)
- Magenta (36%)
- Yellow (74%)
- Black (2%)



- Cyan (2%)
- Magenta (37%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294680898 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 4294680898 by changing the saturation by 10% instead.





4294680898



4294680898

4294967295



4292642599



4294957175



4290604290



4294964626



4288631808



4294967214



4286659840



4294967242



4284753408



4294967271



4282912512



4281204736



4278190080



4294680898



4294680898

4294677801

4294683995

4294674704

4294687092

4294672640

4294690445

4294693542

4294696640

4294699737

4294702834

4294705151

# Harmonies

## Analogous

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



4294936943



4294680898



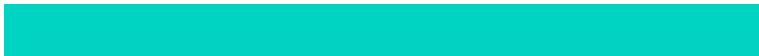
4291344177

# Triad

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



4294680898



4278244290



4291534847

# Complementary

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



4294680898



4282555643

# 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.



4283480063



4294680898



4278243837

# Square

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



4294680898



4278243204



4278241535



4294936550

# Rectangle

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



4294680898



4288660032



4278241535



4289505535

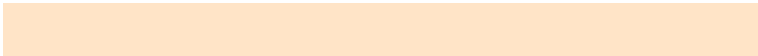


# Sweetspot

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



4294680898



4294960327



4294656671



4286607198



4278190080



4286611584



# Same Dimension

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



4294680898



4294939167



4294703938



4286412656



4290601216



4282195712



# Inverse Universe

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



4282555643



4280257791



4282532603



4285560701



4278213821



4278197821



# Previews

## White Background



This preview shows how the Android color 4294680898 looks on a white background.

## Color Contrast Check

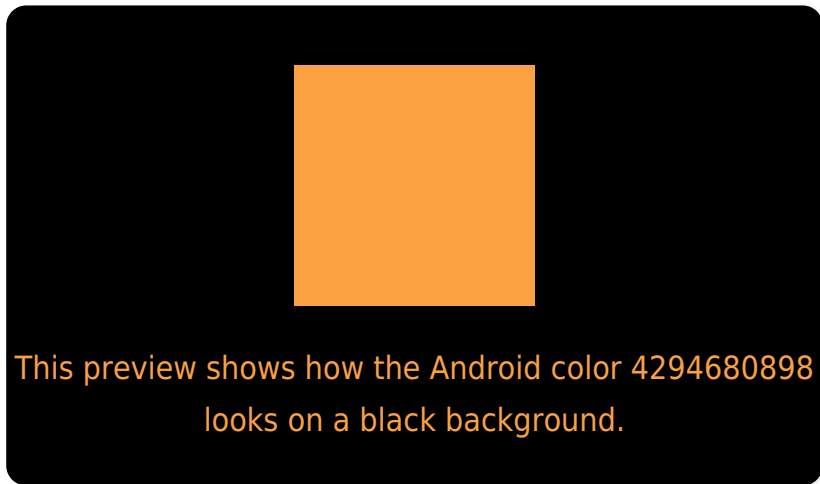
Large Text (above 18pt) WCAG AA × Fail

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 4294680898 Background



This preview shows how black text looks on a background with the Android color 4294680898.



This preview shows how white text looks on a background with the Android color 4294680898.

# 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**  
4294680898

**Protanopia**  
4291540552

**Deuteranopia**  
4293111102



**Tritanopia**  
4294940835

# Trichromacy



**Original Color**  
4294680898

**Protanomaly**  
4292652614

**Deuteranomaly**  
4293699903

**Tritanomaly**  
4294876032

# Monochromacy



**Original Color**  
4294680898

**Achromatopsia**  
4289835441

**Achromatomaly**  
4291603337

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294680898 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(251, 161, 66)` looks like.

```
.text, #text, p{  
    color:rgb(251, 161, 66)  
}
```

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(251, 161, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 161, 66) }
```

## Border

The CSS property to change the border of an element to Android 4294680898 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(251, 161, 66) }
```

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

```
.border{ border-color:rgb(251, 161, 66) }
```

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

Here you see how a box with a 4 pixel rgb(251, 161, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 161, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 161, 66);  
box-shadow:4px 4px 4px 4px rgb(251, 161,  
66) }
```

# Background

The CSS property to change the background color of an element to Android 4294680898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 161, 66) }
```

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

```
.background{ background-color: rgb(251,  
161, 66) }
```

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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