

# Converting Colors

Android(4294612830)

Have a look what the booklet for  
Android(4294612830) contains.

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# **Color**

**Android(4294612830)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA975E
RGB	250, 151, 94
RGB Percent	98%, 59%, 37%
CMY	0.0196, 0.4078, 0.6314
CMYK	0.00, 0.40, 0.62, 0.02
HSL	22°, 94%, 67%
HSV	22°, 62%, 98%
XYZ	52.5113, 43.2654, 16.1731
YIQ	174.1030, 77.3010, 3.2610

# Conversions

## Conversions Part 2

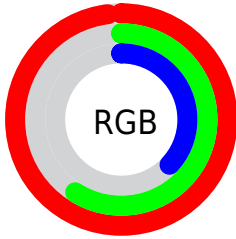
Format	Color
R <sub>Y</sub> B	250, 184, 94
Decimal	16422750
CIE Lab	71.73, 32.11, 45.35
CIE LCh	72, 55.564, 54.700
Yxy	43.2654, 0.4691, 0.3865
Android (android.graphics.Color)	4294612830 (0xFFFA975E)
YUV	174.1030, -39.4908, 66.5617
Hunter-Lab	65.7764, 27.3933, 31.4653

# Details

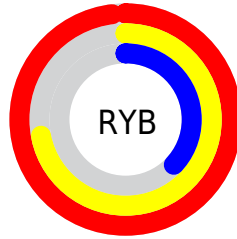
The Android color **4294612830** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **4284400122**, and the grayscale version is **4289638062**.

A 20% lighter version of the original color is **4294954642**, and **4290601773** is the 20% darker color. If you saturate the color by 10%, you get **4294608709**, and if you desaturate by 10%, it is **4294616951**.

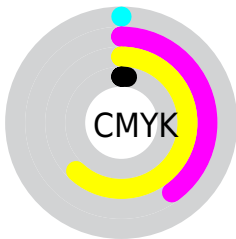
# Distribution



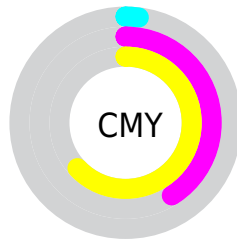
- Red (98%)
- Green (59%)
- Blue (37%)



- Red (98%)
- Yellow (72%)
- Blue (37%)



- Cyan (0%)
- Magenta (40%)
- Yellow (62%)
- Black (2%)



- Cyan (2%)
- Magenta (41%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294612830 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 4294612830 by changing the saturation by 10% instead.



 4294612830

 4294612830

4294967295

 4292574533

 4294954642

 4290601773

 4294961837

 4288629268

 4294967241

 4286657024

 4294967269

 4284815872

 4282908672

 4281270272

 4278190080

 4294612830

 4294612830

4294608709

4294616951

4294604588

4294621072

4294600467

4294625193

4294597376

4294629058

4294633179

4294637300

4294639615

# Harmonies

## Analogous

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



4294936456



4294612830



4292192839

# Triad

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



4294612830



4278241701



4288980735

# Complementary

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



4294612830



4284400122

# 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.



4280465663



4294612830



4278241753

# Square

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



4294612830



4284793971



4278240511



4293300971

# Rectangle

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



4294612830



4290098504



4278240511



4287016447

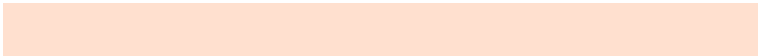


# Sweetspot

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



4294612830



4294959311



4294598339



4286606690



4278190080



4286611584



# Same Dimension

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



4294612830



4294936128



4294632286



4286412144



4290594048



4282193408



# Inverse Universe

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



4284400122



4282431999



4284380666



4285560957



4278220989



4278200125



# Previews

## White Background



This preview shows how the Android color 4294612830 looks on a white background.

## Color Contrast Check

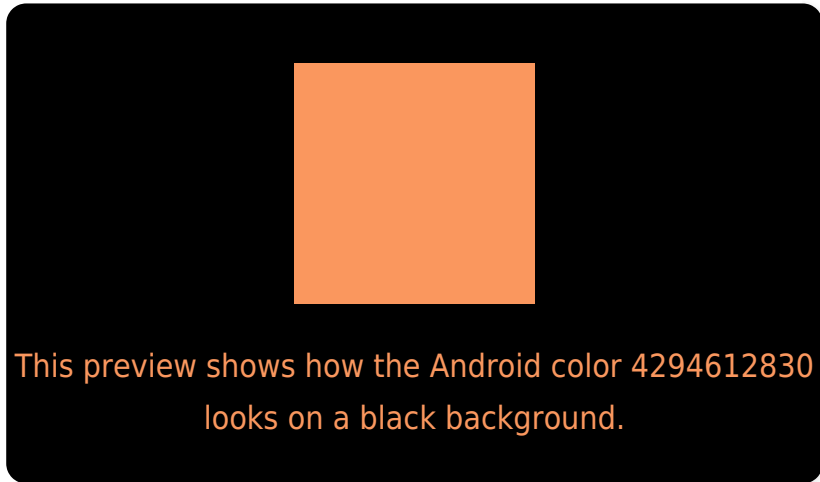
Large Text (above 18pt) WCAG AA × Fail

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 4294612830 Background



This preview shows how black text looks on a background with the Android color 4294612830.



This preview shows how white text looks on a background with the Android color 4294612830.

# 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**  
4294612830

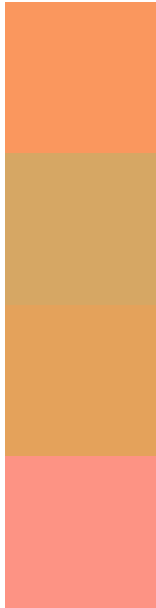
**Protanopia**  
4290883687

**Deuteranopia**  
4292388954



**Tritanopia**  
4294873242

# Trichromacy



**Original Color**  
4294612830

**Protanomaly**  
4292257636

**Deuteranomaly**  
4293173851

**Tritanomaly**  
4294808452

# Monochromacy



**Original Color**  
4294612830

**Achromatopsia**  
4289638062

**Achromatomaly**  
4291470993

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294612830 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(250, 151, 94)` looks like.

```
.text, #text, p{  
    color:rgb(250, 151, 94)  
}
```

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(250, 151, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 151, 94) }
```

## Border

The CSS property to change the border of an element to Android 4294612830 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(250, 151, 94) }
```

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

```
.border{ border-color:rgb(250, 151, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 151, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 151, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 151, 94);  
box-shadow:4px 4px 4px 4px rgb(250, 151,  
94) }
```

# Background

The CSS property to change the background color of an element to Android 4294612830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 151, 94) }
```

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

```
.background{ background-color: rgb(250,  
151, 94) }
```

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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