

# Converting Colors

Android(4294936930)

Have a look what the booklet for  
Android(4294936930) contains.

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# **Color**

**Android(4294936930)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF8962
RGB	255, 137, 98
RGB Percent	100%, 54%, 38%
CMY	0.0000, 0.4627, 0.6157
CMYK	0.00, 0.46, 0.62, 0.00
HSL	15°, 100%, 69%
HSV	15°, 62%, 100%
XYZ	52.3903, 40.0332, 16.5212
YIQ	167.8360, 82.8470, 12.8870

# Conversions

## Conversions Part 2

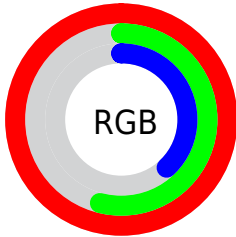
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 150, 98
Decimal	16746850
CIE <sub>Lab</sub>	69.49, 41.45, 40.73
CIE <sub>LCh</sub>	69, 58.114, 44.494
Yxy	40.0332, 0.4809, 0.3675
Android (android.graphics.Color)	4294936930 (0xFFFF8962)
YUV	167.8360, -34.4291, 76.4428
Hunter-Lab	63.2718, 37.0759, 28.8088

# Details

The Android color **4294936930** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **4284668159**, and the grayscale version is **4289243304**.

A 20% lighter version of the original color is **4294951062**, and **4290860082** is the 20% darker color. If you saturate the color by 10%, you get **4294932041**, and if you desaturate by 10%, it is **4294941819**.

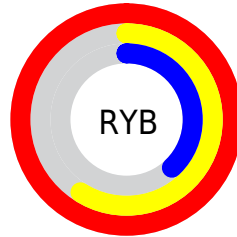
# Distribution



Red (100%)

Green (54%)

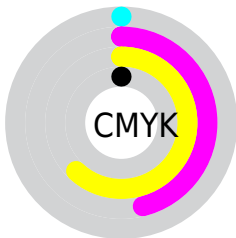
Blue (38%)



Red (100%)

Yellow (59%)

Blue (38%)

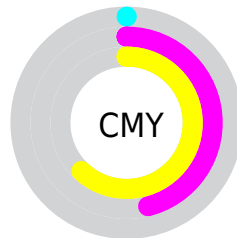


Cyan (0%)

Magenta (46%)

Yellow (62%)

Black (0%)



Cyan (0%)

Magenta (46%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294936930 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 4294936930 by changing the saturation by 10% instead.



 4294936930

 4294936930

4294967295

 4292898378

 4294951062

 4290860082

 4294958256

 4288887579

 4294965708

 4286914563

 4294967272

 4285005824

 4283039744

 4281401346

 4278190080

 4294936930

 4294936930

4294932041

4294941819

4294927151

4294946709

4294922262

4294951599

4294917888

4294956744

4294961634

4294966523

4294967295

# Harmonies

## Analogous

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



4294933394



4294936930



4292779329

# Triad

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



4294936930



4278239884



4286228479

# Complementary

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



4294936930



4284668159

# 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.



4278237183



4294936930



4278240450

# Square

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



4294936930



4285774683



4278239730



4291727861

# Rectangle

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



4294936930



4290751034



4278239730



4283346431

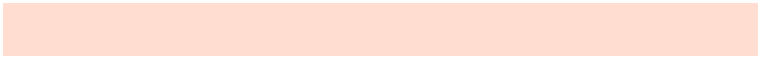


# Sweetspot

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



4294936930



4294958545



4294927066



4286605923



4278190080



4286611584



# Same Dimension

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



4294936930



4294930754



4294956386



4286609011



4290719744



4282388480



# Inverse Universe

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



4284668159



4282568959



4284648703



4285758592



4278227135



4278202432



# Previews

## White Background



This preview shows how the Android color 4294936930 looks on a white background.

## Color Contrast Check

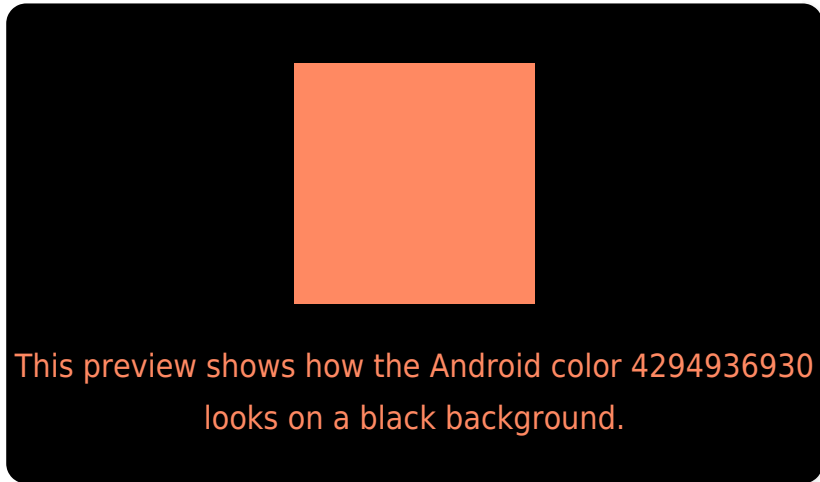
Large Text (above 18pt) WCAG AA × Fail

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 4294936930 Background



This preview shows how black text looks on a background with the Android color 4294936930.



This preview shows how white text looks on a background with the Android color 4294936930.

# 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**  
4294936930

**Protanopia**  
4290357870

**Deuteranopia**  
4291863133



# Trichromacy



**Original Color**  
4294936930

**Protanomaly**  
4291993194

**Deuteranomaly**  
4292974943

**Tritanomaly**  
4294936190

# Monochromacy



**Original Color**  
4294936930

**Achromatopsia**  
4289243304

**Achromatomaly**  
4291337615

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294936930 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, 98)` looks like.

```
.text, #text, p{  
    color:rgb(255, 137, 98)  
}
```

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, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 137, 98) }
```

## Border

The CSS property to change the border of an element to Android 4294936930 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, 98) }
```

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

```
.border{ border-color:rgb(255, 137, 98) }
```

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, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 137, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 137, 98);  
box-shadow:4px 4px 4px 4px rgb(255, 137,  
98) }
```

# Background

The CSS property to change the background color of an element to Android 4294936930 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, 98) }
```

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

```
.background{ background-color: rgb(255,  
137, 98) }
```

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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