

# Converting Colors

Android(4294945403)

Have a look what the booklet for  
Android(4294945403) contains.

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# **Color**

**Android(4294945403)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFAA7B
RGB	255, 170, 123
RGB Percent	100%, 67%, 48%
CMY	0.0000, 0.3333, 0.5176
CMYK	0.00, 0.33, 0.52, 0.00
HSL	21°, 100%, 74%
HSV	21°, 52%, 100%
XYZ	59.1899, 51.4395, 25.5481
YIQ	190.0570, 65.7470, 3.4030

# Conversions

## Conversions Part 2

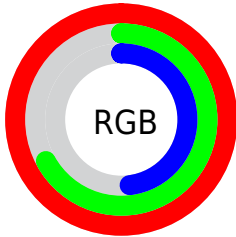
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 196, 123
Decimal	16755323
CIE <sub>Lab</sub>	76.94, 26.36, 36.89
CIE <sub>LCh</sub>	77, 45.340, 54.458
Yxy	51.4395, 0.4347, 0.3777
Android (android.graphics.Color)	4294945403 (0xFFFFAA7B)
YUV	190.0570, -33.0591, 56.9550
Hunter-Lab	71.7213, 21.7993, 29.0851

# Details

The Android color **4294945403** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **4286304511**, and the grayscale version is **4290690750**.

A 20% lighter version of the original color is **4294959792**, and **4290999625** is the 20% darker color. If you saturate the color by 10%, you get **4294941282**, and if you desaturate by 10%, it is **4294949525**.

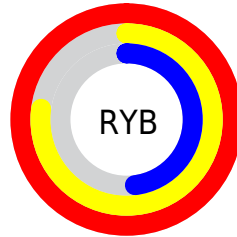
# Distribution



Red (100%)

Green (67%)

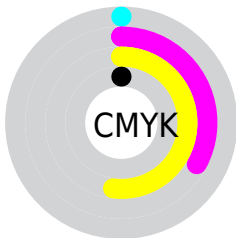
Blue (48%)



Red (100%)

Yellow (77%)

Blue (48%)

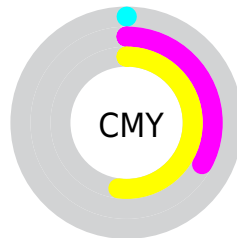


Cyan (0%)

Magenta (33%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (33%)















Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294945403 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 4294945403 by changing the saturation by 10% instead.



 4294945403	 4294945403
4294967295	 4292972386
 4294959792	 4290999625
 4294966988	 4289092658
 4294967272	 4287185947
	 4285345026
	 4283504128
	 4281729024
	 4279894017
	 4278190080

4294945403

4294945403

4294941282

4294949525

4294936904

4294953902

4294932783

4294958024

4294928405

4294962401

4294925056

4294966523

4294967295

# Harmonies

## Analogous

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



4294942621



4294945403



4292917609

# Triad

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



4294945403



4282766516



4290230015

# Complementary

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



4294945403



4286304511

# Split Complementary

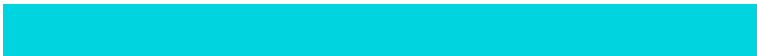
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4285384191



4294945403



4278244575

# Square

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



4294945403



4286893964



4278243327



4293634031

# Rectangle

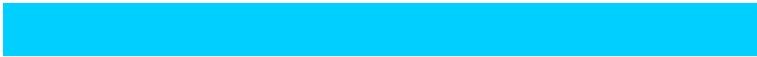
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294945403



4291150443



4278243327



4288789503

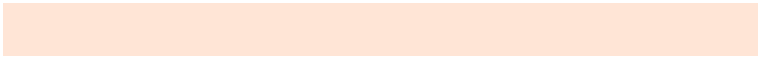


# Sweetspot

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



4294945403



4294960598



4294933457



4286607463



4278190080



4286611584



# Same Dimension

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



4294945403



4294941025



4294962043



4286609267



4290724864

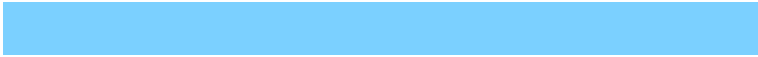


4282390272



# Inverse Universe

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



4286304511



4284598271



4286287871



4285758336



4278221759



4278200640



# Previews

## White Background



This preview shows how the Android color 4294945403 looks on a white background.

## Color Contrast Check

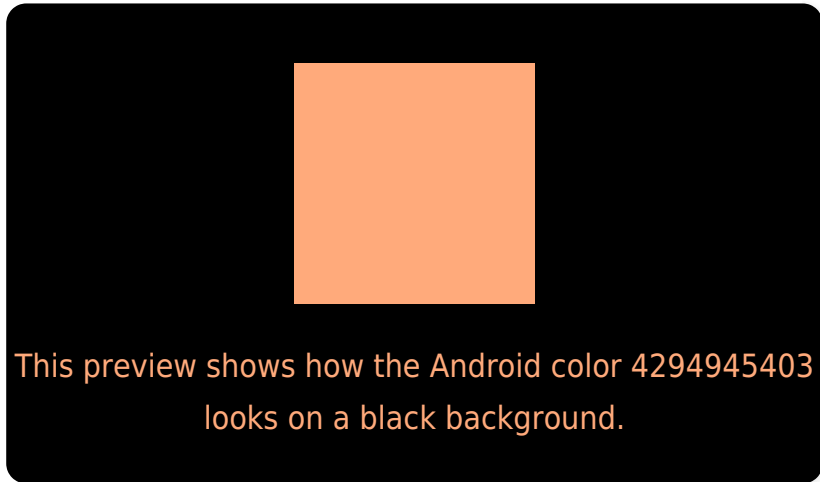
Large Text (above 18pt) WCAG AA × Fail

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 4294945403 Background



This preview shows how black text looks on a background with the Android color 4294945403.

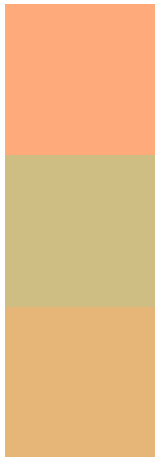


This preview shows how white text looks on a background with the Android color 4294945403.

# 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**  
4294945403

**Protanopia**  
4291739267

**Deuteranopia**  
4293310073



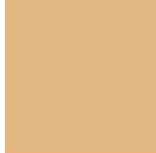
**Tritanopia**  
4294944177

# Trichromacy



**Original Color**

4294945403



**Protanomaly**

4292917120



**Deuteranomaly**

4293898874



**Tritanomaly**

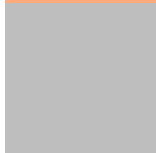
4294944669

# Monochromacy



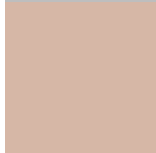
**Original Color**

4294945403



**Achromatopsia**

4290690750



**Achromatomaly**

4292261798

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294945403 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, 170, 123)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 123)  
}
```

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, 170, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 123) }
```

## Border

The CSS property to change the border of an element to Android 4294945403 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, 170, 123) }
```

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

```
.border{ border-color:rgb(255, 170, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 170, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 170, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 170, 123); box-shadow:4px 4px 4px 4px rgb(255, 170, 123) }
```

# Background

The CSS property to change the background color of an element to Android 4294945403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 123) }
```

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

```
.background{ background-color: rgb(255,  
170, 123) }
```

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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