

# Converting Colors

Android(4294943363)

Have a look what the booklet for  
Android(4294943363) contains.

<b>Android(4294943363)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4294943363)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFA283
RGB	255, 162, 131
RGB Percent	100%, 64%, 51%
CMY	0.0000, 0.3647, 0.4863
CMYK	0.00, 0.36, 0.49, 0.00
HSL	15°, 100%, 76%
HSV	15°, 49%, 100%
XYZ	58.2571, 48.7394, 27.8099
YIQ	186.2730, 65.3790, 10.0750

# Conversions

## Conversions Part 2

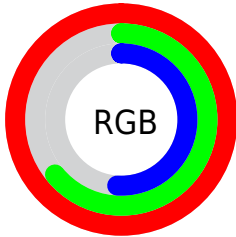
Format	Color
R <sub>Y</sub> B	255, 172, 131
Decimal	16753283
CIE Lab	75.29, 31.24, 30.50
CIE LCh	75, 43.658, 44.316
Yxy	48.7394, 0.4322, 0.3616
Android (android.graphics.Color)	4294943363 (0xFFFFA283)
YUV	186.2730, -27.2496, 60.2736
Hunter-Lab	69.8136, 26.7784, 25.2516

# Details

The Android color `4294943363` is a light color, and the websafe version is hex `FF9966`. A complement of this color would be `4286832895`, and the grayscale version is `4290427578`.

A 20% lighter version of the original color is `4294957752`, and `4290997585` is the 20% darker color. If you saturate the color by 10%, you get `4294938474`, and if you desaturate by 10%, it is `4294948252`.

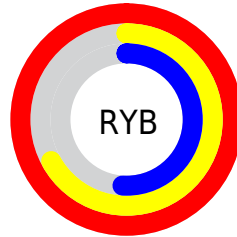
# Distribution



Red (100%)

Green (64%)

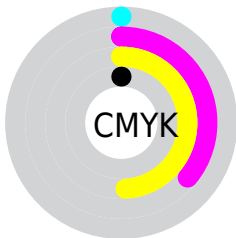
Blue (51%)



Red (100%)

Yellow (67%)

Blue (51%)

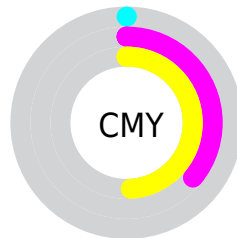


Cyan (0%)

Magenta (36%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (36%)















Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294943363 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 4294943363 by changing the saturation by 10% instead.



 4294943363	 4294943363
4294967295	 4292970346
 4294957752	 4290997585
 4294964948	 4289090618
 4294967280	 4287183907
	 4285342734
	 4283501056
	 4281729024
	 4279697408
	 4278190080

 4294943363

 4294943363

 4294938474

 4294948252

 4294933584

 4294953142

 4294928695

 4294958032

 4294923805

 4294963177

 4294918660

4294967295

 4294918144

# Harmonies

## Analogous

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



4294941351



4294943363



4293242988

# Triad

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



4294943363



4284403106



4288526335

# Complementary

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



4294943363



4286832895

# Split Complementary

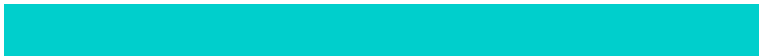
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4283548927



4294943363



4278243276

# Square

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



4294943363



4287874942



4278242544



4292258035

# Rectangle

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



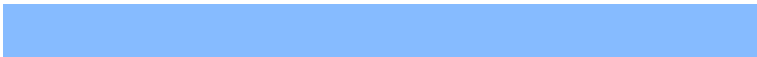
4294943363



4291737960



4278242544



4287020031

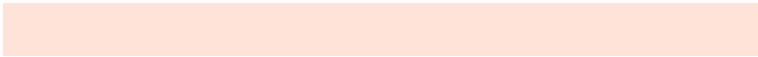


# Sweetspot

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



4294943363



4294959833



4294935520



4286606953



4278190080



4286611584



# Same Dimension

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



4294943363



4294938731



4294959235



4286609011



4290719744



4282388480

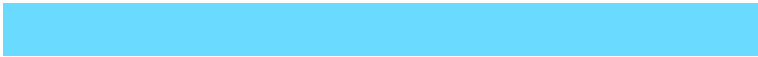


# Inverse Universe

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



4286832895



4285258495



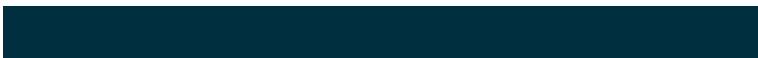
4286817023



4285758592



4278226879



4278202432



# Previews

## White Background



This preview shows how the Android color 4294943363 looks on a white background.

## Color Contrast Check

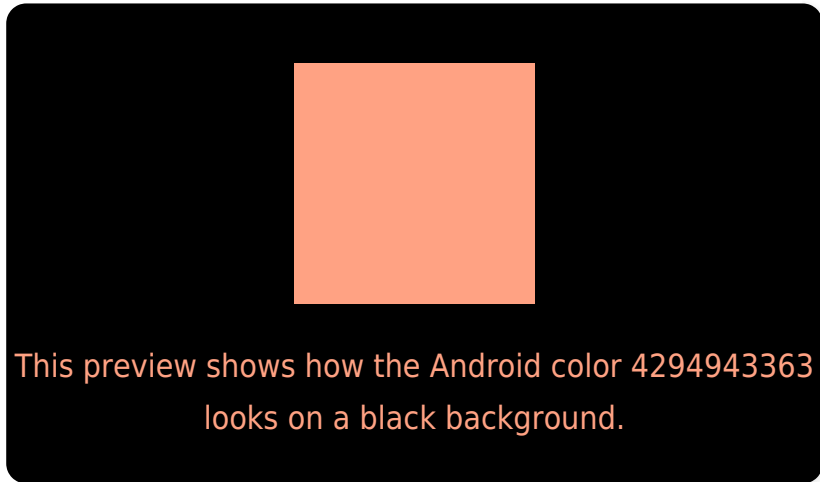
Large Text (above 18pt) WCAG AA × Fail

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 4294943363 Background



This preview shows how black text looks on a background with the Android color 4294943363.

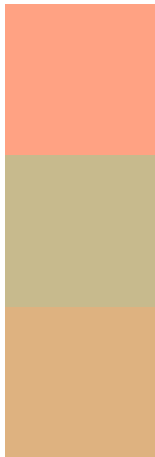


This preview shows how white text looks on a background with the Android color 4294943363.

# 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**  
4294943363

**Protanopia**  
4291279501

**Deuteranopia**  
4292784768



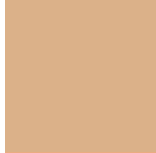
**Tritanopia**  
4294942377

# Trichromacy



**Original Color**

4294943363



**Protanomaly**

4292587913



**Deuteranomaly**

4293569665



**Tritanomaly**

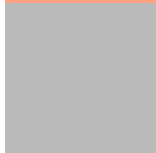
4294942619

# Monochromacy



**Original Color**

4294943363



**Achromatopsia**

4290427578



**Achromatomaly**

4292063654

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294943363 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, 162, 131)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 131)  
}
```

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, 162, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 131) }
```

## Border

The CSS property to change the border of an element to Android 4294943363 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, 162, 131) }
```

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

```
.border{ border-color:rgb(255, 162, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 162, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 131);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
131) }
```

# Background

The CSS property to change the background color of an element to Android 4294943363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 131) }
```

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

```
.background{ background-color: rgb(255,  
162, 131) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor