

# Converting Colors

Android(4294947985)

Have a look what the booklet for  
Android(4294947985) contains.

<b>Android(4294947985)</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(4294947985)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB491
RGB	255, 180, 145
RGB Percent	100%, 71%, 57%
CMY	0.0000, 0.2941, 0.4314
CMYK	0.00, 0.29, 0.43, 0.00
HSL	19°, 100%, 78%
HSV	19°, 43%, 100%
XYZ	62.6721, 55.9469, 34.2837
YIQ	198.4350, 55.9350, 5.0150

# Conversions

## Conversions Part 2

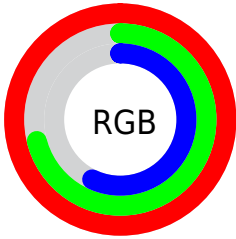
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 196, 145
Decimal	16757905
CIE <sub>Lab</sub>	79.58, 23.19, 28.74
CIE <sub>LCh</sub>	80, 36.930, 51.091
Yxy	55.9469, 0.4099, 0.3659
Android (android.graphics.Color)	4294947985 (0xFFFFB491)
YUV	198.4350, -26.3435, 49.6075
Hunter-Lab	74.7976, 18.6673, 25.1826

# Details

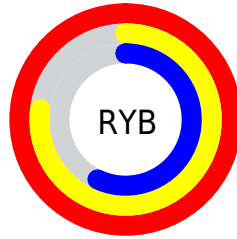
The Android color `4294947985` is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be `4287749375`, and the grayscale version is `4291282887`.

A 20% lighter version of the original color is `4294962375`, and `4291067742` is the 20% darker color. If you saturate the color by 10%, you get `4294943608`, and if you desaturate by 10%, it is `4294952363`.

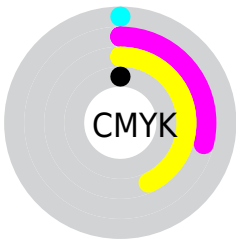
# Distribution



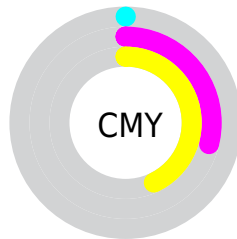
- Red (100%)
- Green (71%)
- Blue (57%)



- Red (100%)
- Yellow (77%)
- Blue (57%)



- Cyan (0%)
- Magenta (29%)
- Yellow (43%)
- Black (0%)
















- Cyan (0%)
- Magenta (29%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294947985 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 4294947985 by changing the saturation by 10% instead.



 4294947985	 4294947985
4294967295	 4292974967
 4294962375	 4291067742
 4294967267	 4289160774
	 4287319343
	 4285478425
	 4283703041
	 4281993472
	 4280483841
	 4278190080

 4294947985

 4294947985

 4294943608

 4294952363

 4294938974

 4294956996

 4294934596

 4294961374

 4294929963

 4294966007

 4294925585

4294967295

 4294922496

# Harmonies

## Analogous

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



4294945966



4294947985



4293312641

# Triad

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



4294947985



4285781945



4290494719

# Complementary

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



4294947985



4287749375

# 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.



4287024383



4294947985



4283554013

# Square

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



4294947985



4288467865



4283946234



4293375217

# Rectangle

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



4294947985



4291872641



4283946234



4289381631

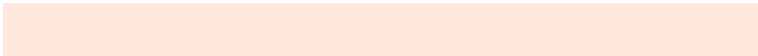


# Sweetspot

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



4294947985



4294961374



4294939100



4286607979



4278190080



4286611584



# Same Dimension

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



4294947985



4294944122



4294962065



4286609267



4290723072

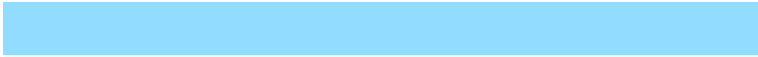


4282389504

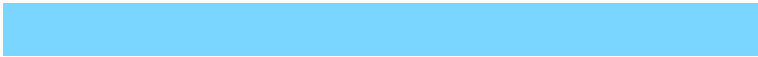


# Inverse Universe

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



4287749375



4286240255



4287735295



4285758336



4278223551



4278201152



# Previews

## White Background



This preview shows how the Android color 4294947985 looks on a white background.

## Color Contrast Check

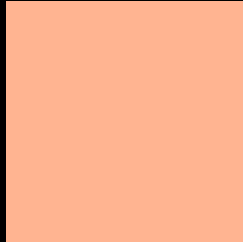
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4294947985 looks on a 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 4294947985 Background



This preview shows how black text looks on a background with the Android color 4294947985.



This preview shows how white text looks on a background with the Android color 4294947985.

# 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](#).

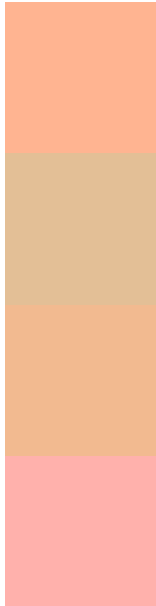
## Dichromacy





**Tritanopia**  
4294947004

# Trichromacy



**Original Color**  
4294947985

**Protanomaly**  
4293115798

**Deuteranomaly**  
4294097552

**Tritanomaly**  
4294947244

# Monochromacy



**Original Color**  
4294947985

**Achromatopsia**  
4291217094

**Achromatomaly**  
4292591539

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294947985 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, 180, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 145)  
}
```

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, 180, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 145) }
```

## Border

The CSS property to change the border of an element to Android 4294947985 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, 180, 145) }
```

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

```
.border{ border-color:rgb(255, 180, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 180, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
145) }
```

# Background

The CSS property to change the background color of an element to Android 4294947985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 145) }
```

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

```
.background{ background-color: rgb(255,  
180, 145) }
```

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