

# Converting Colors

Android(4294374633)

Have a look what the booklet for  
Android(4294374633) contains.

<b>Android(4294374633)</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(4294374633)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6F4E9
RGB	246, 244, 233
RGB Percent	96%, 96%, 91%
CMY	0.0353, 0.0431, 0.0863
CMYK	0.00, 0.01, 0.05, 0.04
HSL	51°, 42%, 94%
HSV	51°, 5%, 96%
XYZ	85.0647, 90.1774, 90.0134
YIQ	243.3440, 4.7230, -2.9970

# Conversions

## Conversions Part 2

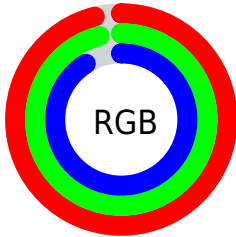
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 246, 233
Decimal	16184553
CIE Lab	96.07, -1.22, 5.52
CIE LCh	96, 5.651, 102.437
Yxy	90.1774, 0.3207, 0.3400
Android (android.graphics.Color)	4294374633 (0xFFFF6F4E9)
YUV	243.3440, -5.0996, 2.3293
Hunter-Lab	94.9618, -6.2867, 10.2728

# Details

The Android color `4294374633` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `4293520374`, and the grayscale version is `4294177779`.

A 20% lighter version of the original color is `4294967295`, and `4290690225` is the 20% darker color. If you saturate the color by 10%, you get `4294373584`, and if you desaturate by 10%, it is `4294375679`.

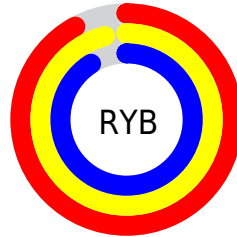
# Distribution



Red (96%)

Green (96%)

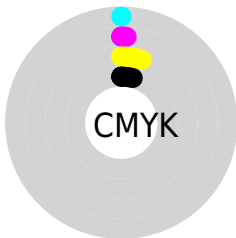
Blue (91%)



Red (92%)

Yellow (96%)

Blue (91%)

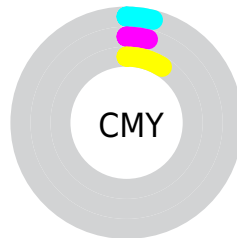


Cyan (0%)

Magenta (1%)

Yellow (5%)

Black (4%)



Cyan (4%)

Magenta (4%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294374633 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 4294374633 by changing the saturation by 10% instead.



 4294374633

 4294374633

4294967295

 4292532429

 4290690225

 4288913815

 4287137661

 4285492580

 4283913548

 4282334773

 4280887328

 4279571465

 4294374633

 4294374633

 4294373584

 4294375679

 4294372536

 4294376703

 4294371743

 4294377471

 4294370695

 4294369646

 4294368597

 4294367805

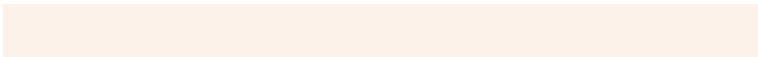
 4294366756

 4294365708

# Harmonies

## Analogous

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



4294767337



4294374633



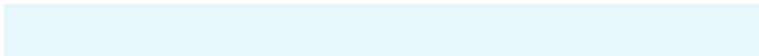
4293981931

# Triad

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



4294374633



4293392123



4294832375

# Complementary

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



4294374633



4293520374

# Split Complementary

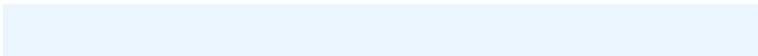
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294505212



4294374633



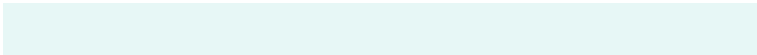
4293654014

# Square

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



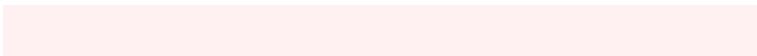
4294374633



4293392374



4294046718



4294963442

# Rectangle

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



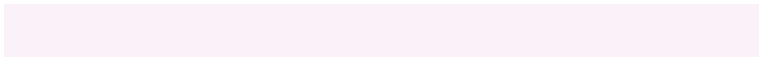
4294374633



4293719790



4294046718



4294701561



# Sweetspot

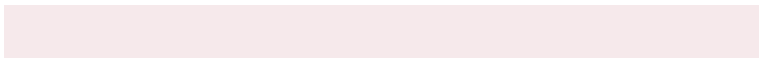
The Sweet Spot groups the original color and five complimentary colors.



4294374633



4294967034



4294371819



4286611325



4278190080



4286611584

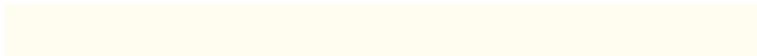


# Same Dimension

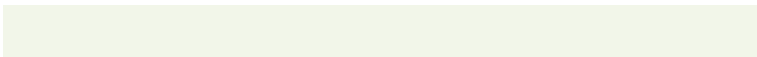
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4294374633



4294966768



4294113001



4286216562



4290420224



4282069504



# Inverse Universe

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



4293520374



4293980927



4293782006



4285690746



4278197690

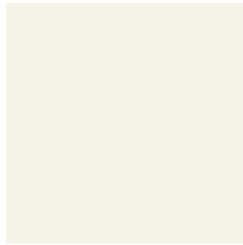


4278192443



# Previews

## White Background



This preview shows how the Android color 4294374633 looks on a white background.

## Color Contrast Check

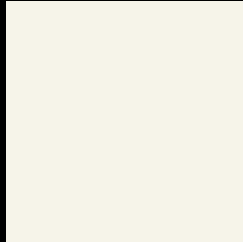
Large Text (above 18pt) WCAG AA × Fail

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 4294374633 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

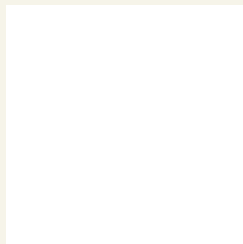
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4294374633 Background



This preview shows how black text looks on a background with the Android color 4294374633.

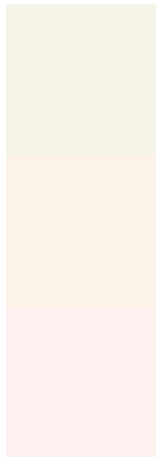


This preview shows how white text looks on a background with the Android color 4294374633.

# 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**  
4294374633

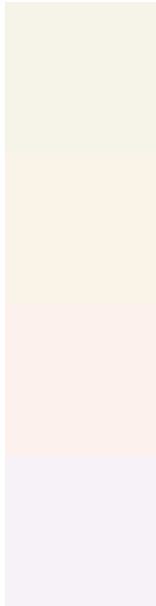
**Protanopia**  
4294702056

**Deuteranopia**  
4294963440



**Tritanopia**  
4294504959

# Trichromacy



**Original Color**

4294374633

**Protanomaly**

4294570984

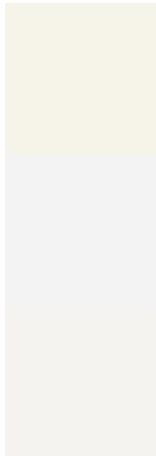
**Deuteranomaly**

4294767085

**Tritanomaly**

4294439671

# Monochromacy



**Original Color**

4294374633

**Achromatopsia**

4294177779

**Achromatomaly**

4294243311

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294374633 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(246, 244, 233)` looks like.

```
.text, #text, p{  
    color:rgb(246, 244, 233)  
}
```

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(246, 244, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 244, 233) }
```

## Border

The CSS property to change the border of an element to Android 4294374633 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(246, 244, 233) }
```

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

```
.border{ border-color:rgb(246, 244, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 244, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 244, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 244, 233);  
box-shadow:4px 4px 4px 4px rgb(246, 244,  
233) }
```

# Background

The CSS property to change the background color of an element to Android 4294374633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 244, 233) }
```

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

```
.background{ background-color: rgb(246,  
244, 233) }
```

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