

# Converting Colors

Android(4291403623)

Have a look what the booklet for  
Android(4291403623) contains.

<b>Android(4291403623)</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(4291403623)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C99F67
RGB	201, 159, 103
RGB Percent	79%, 62%, 40%
CMY	0.2118, 0.3765, 0.5961
CMYK	0.00, 0.21, 0.49, 0.21
HSL	34°, 48%, 60%
HSV	34°, 49%, 79%
XYZ	38.9337, 38.1931, 18.1519
YIQ	165.1740, 43.0080, -8.5120

# Conversions

## Conversions Part 2

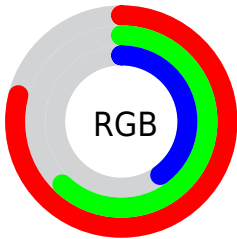
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 201, 103
Decimal	13213543
CIELab	68.16, 8.56, 35.03
CIELCh	68, 36.066, 76.262
Yxy	38.1931, 0.4086, 0.4009
Android (android.graphics.Color)	4291403623 (0xFFC99F67)
YUV	165.1740, -30.6518, 31.4194
Hunter-Lab	61.8005, 4.3023, 25.8458

# Details

The Android color **4291403623** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **4284977609**, and the grayscale version is **4289045925**.

A 20% lighter version of the original color is **4294956699**, and **4287720502** is the 20% darker color. If you saturate the color by 10%, you get **4291401299**, and if you desaturate by 10%, it is **4291405947**.

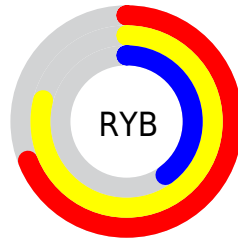
# Distribution



Red (79%)

Green (62%)

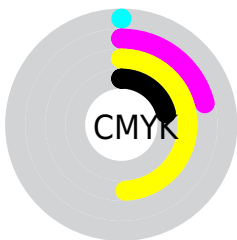
Blue (40%)



Red (69%)

Yellow (79%)

Blue (40%)

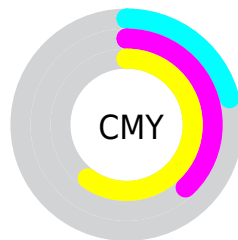


Cyan (0%)

Magenta (21%)

Yellow (49%)

Black (21%)



Cyan (21%)

Magenta (38%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291403623 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 4291403623 by changing the saturation by 10% instead.





4291403623



4291403623

4294967295



4289561934



4294956699



4287720502



4294963894



4285879327



4294967250



4284169223



4294967278



4282525440



4280816384



4278321152



4278190080



4291403623



4291403623

 4291401299

 4291405947

 4291399231

 4291408015

 4291396907


 4291410339

 4291394839

 4291412407

 4291392515

 4291414732

 4291392256

 4291417056

 4291419124

 4291421439

 4291423743

# Harmonies

## Analogous

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



4292842616



4291403623



4289374823

# Triad

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



4291403623



4281383095



4290811859

# Complementary

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



4291403623



4284977609

# 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.



4287931364



4291403623



4280989140

# Square

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



4291403623



4284266390



4284395237



4292644791

# Rectangle

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



4291403623



4287803505



4284395237



4289960923

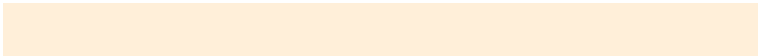


# Sweetspot

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



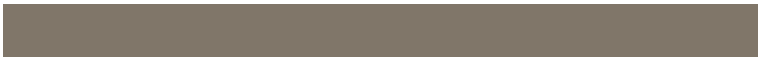
4291403623



4294963161



4291389329



4286609001



4278190080



4286611584



# Same Dimension

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



4291403623



4294950761



4290955623



4284702554



4288896256



4280554496

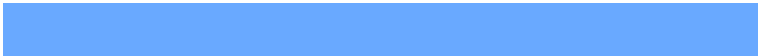


# Inverse Universe

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



4284977609



4285114879



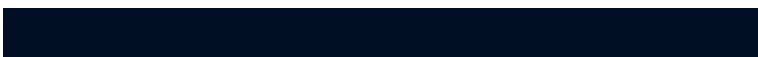
4285425609



4284112483



4278208163

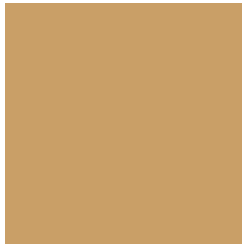


4278193956



# Previews

## White Background



This preview shows how the Android color 4291403623 looks on a white background.

## Color Contrast Check

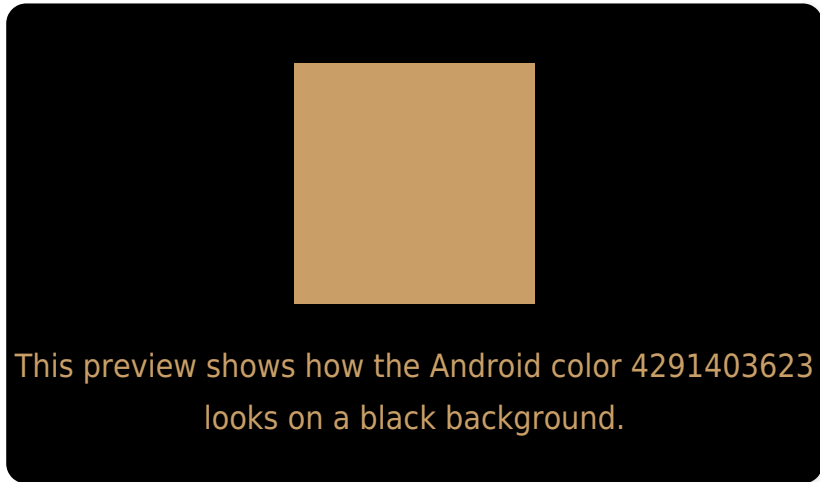
Large Text (above 18pt) WCAG AA × Fail

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 4291403623 Background



This preview shows how black text looks on a background with the Android color 4291403623.



This preview shows how white text looks on a background with the Android color 4291403623.

# 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**  
4291403623

**Protanopia**  
4290094698

**Deuteranopia**  
4291403623



**Tritanopia**  
4291729571

# Trichromacy



**Original Color**  
4291403623

**Protanomaly**  
4290552681

**Deuteranomaly**  
4291403623

**Tritanomaly**  
4291599245

# Monochromacy



**Original Color**  
4291403623

**Achromatopsia**  
4289045925

**Achromatomaly**  
4289897358

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291403623 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(201, 159, 103)` looks like.

```
.text, #text, p{  
    color:rgb(201, 159, 103)  
}
```

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(201, 159, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 159, 103) }
```

## Border

The CSS property to change the border of an element to Android 4291403623 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(201, 159, 103) }
```

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

```
.border{ border-color:rgb(201, 159, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 159, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 159, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 159, 103);  
box-shadow:4px 4px 4px 4px rgb(201, 159,  
103) }
```

# Background

The CSS property to change the background color of an element to Android 4291403623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 159, 103) }
```

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

```
.background{ background-color: rgb(201,  
159, 103) }
```

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