

# Converting Colors

Android(4291078263)

Have a look what the booklet for  
Android(4291078263) contains.

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# **Color**

**Android(4291078263)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4A877
RGB	196, 168, 119
RGB Percent	77%, 66%, 47%
CMY	0.2314, 0.3412, 0.5333
CMYK	0.00, 0.14, 0.39, 0.23
HSL	38°, 39%, 62%
HSV	38°, 39%, 77%
XYZ	40.0974, 41.0729, 23.2673
YIQ	170.7860, 32.4170, -9.3030

# Conversions

## Conversions Part 2

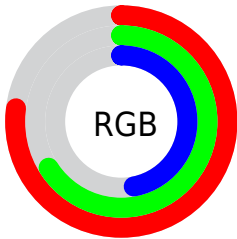
<b>Format</b>	<b>Color</b>
<b>RYB</b>	163, 196, 119
Decimal	12888183
CIELab	70.23, 3.33, 29.10
CIELCh	70, 29.286, 83.471
Yxy	41.0729, 0.3839, 0.3933
Android (android.graphics.Color)	4291078263 (0xFFC4A877)
YUV	170.7860, -25.5305, 22.1127
Hunter-Lab	64.0882, -0.4741, 23.3364

# Details

The Android color `4291078263` is a light color, and the websafe version is hex `CC9966`. A complement of this color would be `4286026692`, and the grayscale version is `4289440683`.

A 20% lighter version of the original color is `4294893484`, and `4287460422` is the 20% darker color. If you saturate the color by 10%, you get `4291076451`, and if you desaturate by 10%, it is `4291080075`.

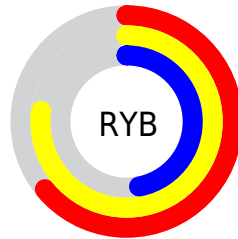
# Distribution



Red (77%)

Green (66%)

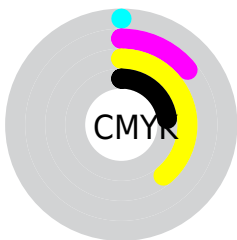
Blue (47%)



Red (64%)

Yellow (77%)

Blue (47%)

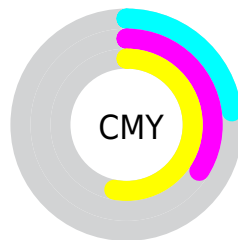


Cyan (0%)

Magenta (14%)

Yellow (39%)

Black (23%)



Cyan (23%)

Magenta (34%)


Yellow (53%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291078263 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 4291078263 by changing the saturation by 10% instead.



 4291078263

 4291078263

4294967295

 4289236574

 4294893484

 4287460422

 4294966471

 4285684783

 4294967267

 4284040216


 4282396160

 4280818176

 4278845440

 4278190080

 4291078263

 4291078263

■ 4291076451

■ 4291080075

■ 4291074640

■ 4291081886

■ 4291072828

■ 4291083698

■ 4291070761

■ 4291085765

■ 4291068949

■ 4291087577

■ 4291067137

■ 4291089389

■ 4291067136

■ 4291091199

■ 4291092991

■ 4291094783

# Harmonies

## Analogous

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



4292386690



4291078263



4289311098

# Triad

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



4291078263



4284070592



4291337932

# Complementary

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



4291078263



4286026692

# 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.



4289243100



4291078263



4284528598

# Square

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



4291078263



4285315749



4286689504



4292647091

# Rectangle

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



4291078263



4288001412



4286689504



4290683346

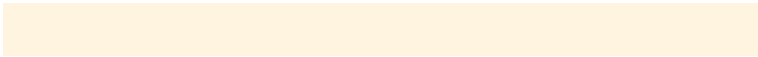


# Sweetspot

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



4291078263



4294964448



4291065747



4286609774



4278190080



4286611584



# Same Dimension

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



4291078263



4294955911



4290430071



4284570967



4288767488



4280358144



# Inverse Universe

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



4286026692



4287083519



4286674884



4283915105



4278205089



4278193185



# Previews

## White Background



This preview shows how the Android color 4291078263 looks on a white background.

## Color Contrast Check

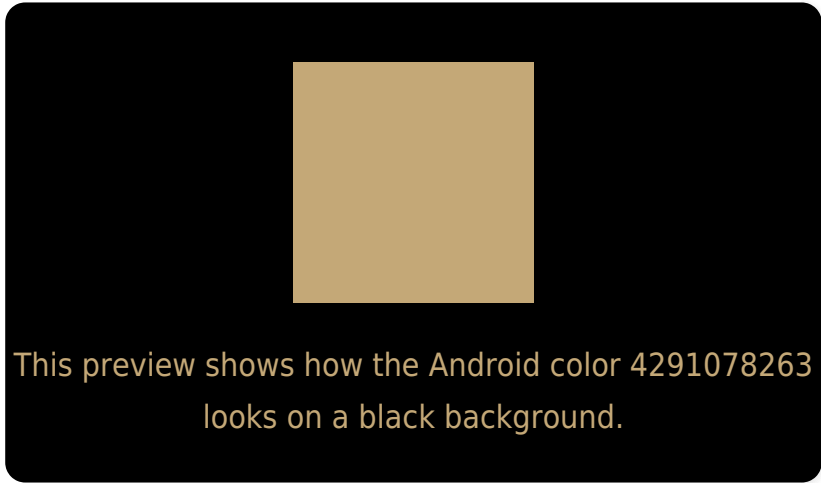
Large Text (above 18pt) WCAG AA × Fail

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

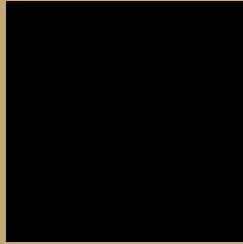
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291078263 Background



This preview shows how black text looks on a background with the Android color 4291078263.



This preview shows how white text looks on a background with the Android color 4291078263.

# 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**  
4291078263

**Protanopia**  
4290358393

**Deuteranopia**  
4291667064



**Tritanopia**  
4291469741

# Trichromacy



**Original Color**  
4291078263

**Protanomaly**  
4290620280

**Deuteranomaly**  
4291470712

**Tritanomaly**  
4291339417

# Monochromacy



**Original Color**  
4291078263

**Achromatopsia**  
4289440683

**Achromatomaly**  
4290030232

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291078263 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(196, 168, 119)` looks like.

```
.text, #text, p{  
    color:rgb(196, 168, 119)  
}
```

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(196, 168, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 168, 119) }
```

## Border

The CSS property to change the border of an element to Android 4291078263 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(196, 168, 119) }
```

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

```
.border{ border-color:rgb(196, 168, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 168, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 168, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 168, 119);  
box-shadow:4px 4px 4px 4px rgb(196, 168,  
119) }
```

# Background

The CSS property to change the background color of an element to Android 4291078263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 168, 119) }
```

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

```
.background{ background-color: rgb(196,  
168, 119) }
```

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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