

# Converting Colors

Android(4291471751)

Have a look what the booklet for  
Android(4291471751) contains.

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# **Color**

**Android(4291471751)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAA987
RGB	202, 169, 135
RGB Percent	79%, 66%, 53%
CMY	0.2078, 0.3373, 0.4706
CMYK	0.00, 0.16, 0.33, 0.21
HSL	30°, 39%, 66%
HSV	30°, 33%, 79%
XYZ	42.9183, 42.6818, 28.8980
YIQ	174.9910, 30.5820, -3.5780

# Conversions

## Conversions Part 2

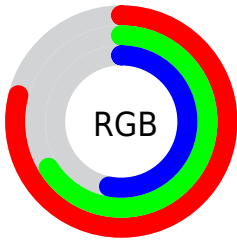
Format	Color
<a href="#">RYB</a>	<a href="#">200, 202, 135</a>
Decimal	<a href="#">13281671</a>
CIELab	<a href="#">71.34, 7.13, 22.06</a>
CIELCh	<a href="#">71, 23.180, 72.074</a>
Yxy	<a href="#">42.6818, 0.3748, 0.3728</a>
Android (android.graphics.Color)	<a href="#">4291471751 (0xFFCAA987)</a>
YUV	<a href="#">174.9910, -19.7156, 23.6869</a>
Hunter-Lab	<a href="#">65.3313, 2.9328, 19.5061</a>

# Details

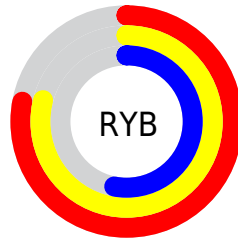
The Android color `4291471751` is a light color, and the websafe version is hex `CC9966`. A complement of this color would be `4287080650`, and the grayscale version is `4289703855`.

A 20% lighter version of the original color is `4294959292`, and `4287853909` is the 20% darker color. If you saturate the color by 10%, you get `4291469171`, and if you desaturate by 10%, it is `4291474331`.

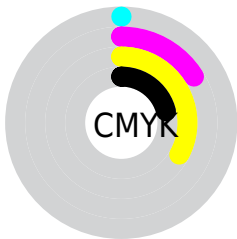
# Distribution



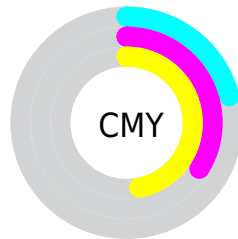
- Red (79%)
- Green (66%)
- Blue (53%)



- Red (78%)
- Yellow (79%)
- Blue (53%)



- Cyan (0%)
- Magenta (16%)
- Yellow (33%)
- Black (21%)



- Cyan (21%)
- Magenta (34%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291471751 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 4291471751 by changing the saturation by 10% instead.





4291471751



4291471751

4294967295



4289630062



4294959292



4287853909



4294966744



4286078014



4294967285



4284433703



4282789650



4281276928



4279631872



4278190080



4291471751



4291471751

 4291469171

 4291474331

 4291466591

 4291476911

 4291464010

 4291479492

 4291461430

 4291482072

 4291458850

 4291484652

 4291456270

 4291487231

 4291454720

 4291489791

 4291492351

 4291493887

# Harmonies

## Analogous

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



4292322195



4291471751



4290162821

# Triad

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



4291471751



4285971383



4290619086

# Complementary

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



4291471751



4287080650

# 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.



4288786136



4291471751



4285839818

# Square

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



4291471751



4287085217



4286952662



4291928508

# Rectangle

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



4291471751



4289115275



4286952662



4290030034



# Sweetspot

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



4291471751



4294963942



4291463081



4286609520



4278190080



4286611584



# Same Dimension

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



4291471751



4294954393



4291480199



4284899676



4289090560



4280685312

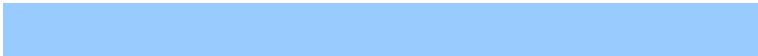


# Inverse Universe

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



4287080650



4288269311



4287072202



4284244326



4278211238



4278194982



# Previews

## White Background



This preview shows how the Android color 4291471751 looks on a white background.

## Color Contrast Check

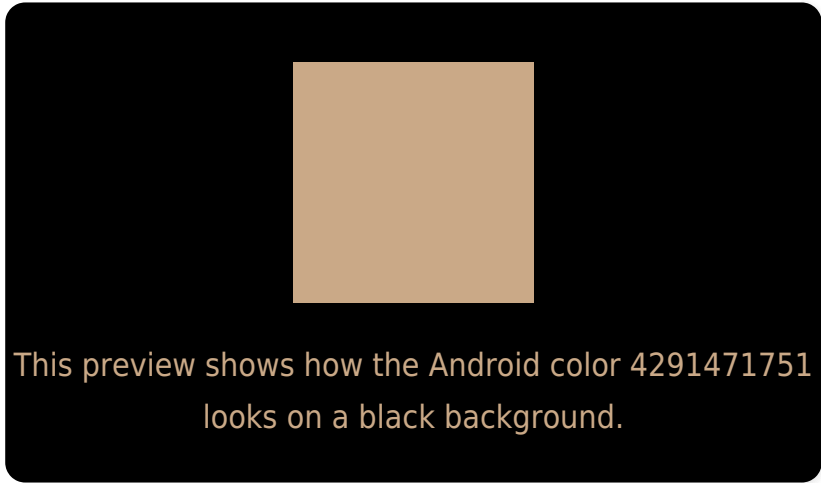
Large Text (above 18pt) WCAG AA × Fail

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 4291471751 Background



This preview shows how black text looks on a background with the Android color 4291471751.



This preview shows how white text looks on a background with the Android color 4291471751.

# 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**  
4291471751

**Protanopia**  
4290424714

**Deuteranopia**  
4291668103



**Tritanopia**  
4291732400

# Trichromacy



**Original Color**  
4291471751

**Protanomaly**  
4290817417

**Deuteranomaly**  
4291602567

**Tritanomaly**  
4291667361

# Monochromacy



**Original Color**  
4291471751

**Achromatopsia**  
4289703855

**Achromatomaly**  
4290358688

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291471751 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(202, 169, 135)` looks like.

```
.text, #text, p{  
    color:rgb(202, 169, 135)  
}
```

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(202, 169, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 169, 135) }
```

## Border

The CSS property to change the border of an element to Android 4291471751 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(202, 169, 135) }
```

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

```
.border{ border-color:rgb(202, 169, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 169, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 169, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 169, 135);  
box-shadow:4px 4px 4px 4px rgb(202, 169,  
135) }
```

# Background

The CSS property to change the background color of an element to Android 4291471751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 169, 135) }
```

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

```
.background{ background-color: rgb(202,  
169, 135) }
```

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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