

# Converting Colors

Android(4291475563)

Have a look what the booklet for  
Android(4291475563) contains.

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# **Color**

**Android(4291475563)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAB86B
RGB	202, 184, 107
RGB Percent	79%, 72%, 42%
CMY	0.2078, 0.2784, 0.5804
CMYK	0.00, 0.09, 0.47, 0.21
HSL	49°, 47%, 61%
HSV	49°, 47%, 79%
XYZ	44.1515, 47.8991, 20.8283
YIQ	180.6040, 35.4450, -20.1310

# Conversions

## Conversions Part 2

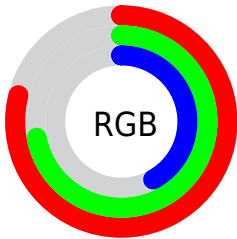
Format	Color
<a href="#">RYB</a>	<a href="#">129, 202, 107</a>
Decimal	<a href="#">13285483</a>
<a href="#">CIELab</a>	<a href="#">74.76, -3.98, 41.25</a>
<a href="#">CIElCh</a>	<a href="#">75, 41.439, 95.511</a>
<a href="#">Yxy</a>	<a href="#">47.8991, 0.3911, 0.4243</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4291475563 (0xFFCAB86B)</a>
<a href="#">YUV</a>	<a href="#">180.6040, -36.2868, 18.7643</a>
<a href="#">Hunter-Lab</a>	<a href="#">69.2092, -7.2433, 30.6032</a>

# Details

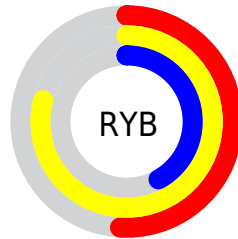
The Android color **4291475563** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **4285234634**, and the grayscale version is **4290098613**.

A 20% lighter version of the original color is **4294963360**, and **4287791929** is the 20% darker color. If you saturate the color by 10%, you get **4291474519**, and if you desaturate by 10%, it is **4291476607**.

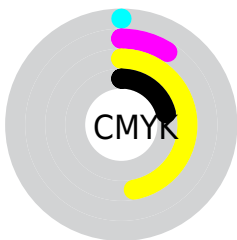
# Distribution



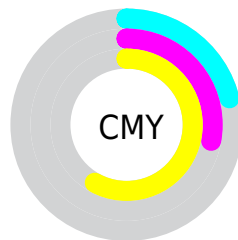
- Red (79%)
- Green (72%)
- Blue (42%)



- Red (51%)
- Yellow (79%)
- Blue (42%)



- Cyan (0%)
- Magenta (9%)
- Yellow (47%)
- Black (21%)



- Cyan (21%)
- Magenta (28%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291475563 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 4291475563 by changing the saturation by 10% instead.





4291475563



4291475563

4294967295



4289633618



4294963360



4287791929



4294967227



4286016032



4294967255



4284305924



4294967284



4282661632



4281017856



4279243264



4278190080



4291475563



4291475563

■ 4291474519

■ 4291476607

■ 4291473475

■ 4291477651

■ 4291472686

■ 4291478440

■ 4291471642

■ 4291479484

■ 4291470598

■ 4291480528

■ 4291470336

■ 4291481572

■ 4291482616

■ 4291483647

■ 4291484415

# Harmonies

## Analogous

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



4293634931



4291475563



4288791416

# Triad

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



4291475563



4278242275



4293828568

# Complementary

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



4291475563



4285234634

# 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.



4291144694



4291475563



4282631421

# Square

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



4291475563



4281912510



4287347199



4294941362

# Rectangle

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



4291475563



4286826635



4287347199



4293108708

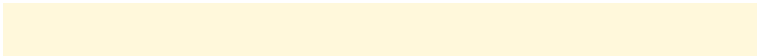


# Sweetspot

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



4291475563



4294965467



4291455870



4286610282



4278190080



4286611584



# Same Dimension

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



4291475563



4294960240



4289645163



4284900444



4289103360



4280688384



# Inverse Universe

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



4285234634



4285565951



4287130570



4284243558



4278198182

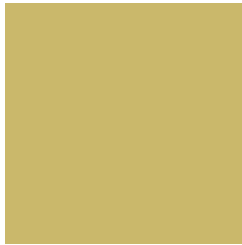


4278191910



# Previews

## White Background



This preview shows how the Android color 4291475563 looks on a white background.

## Color Contrast Check

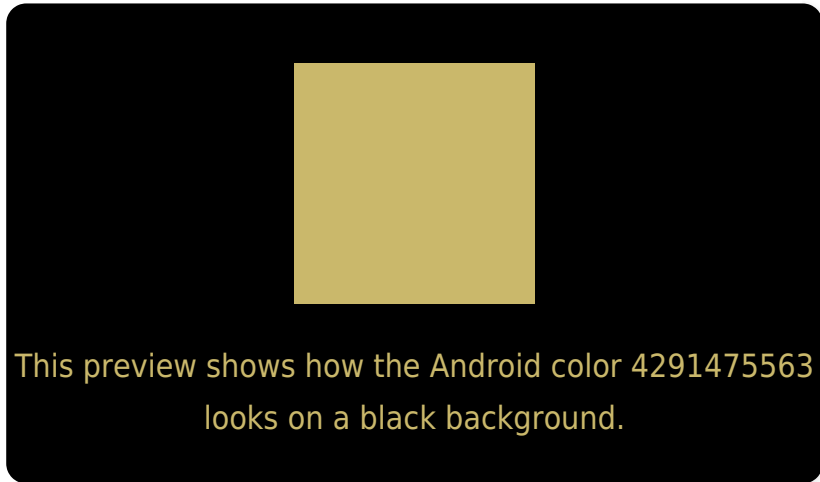
Large Text (above 18pt) WCAG AA × Fail

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

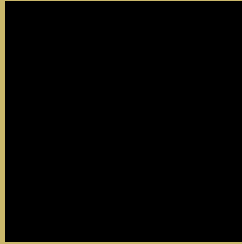
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291475563 Background



This preview shows how black text looks on a background with the Android color 4291475563.



This preview shows how white text looks on a background with the Android color 4291475563.

# 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**  
4291475563

**Protanopia**  
4291475563

**Deuteranopia**  
4292915309



**Tritanopia**  
4291997372

# Trichromacy



**Original Color**  
4291475563

**Protanomaly**  
4291475563

**Deuteranomaly**  
4292391788

**Tritanomaly**  
4291801759

# Monochromacy



**Original Color**  
4291475563

**Achromatopsia**  
4290098613

**Achromatomaly**  
4290623130

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291475563 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, 184, 107)` looks like.

```
.text, #text, p{  
    color:rgb(202, 184, 107)  
}
```

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, 184, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 184, 107) }
```

## Border

The CSS property to change the border of an element to Android 4291475563 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, 184, 107) }
```

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

```
.border{ border-color:rgb(202, 184, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 184, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 184, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 184, 107);  
box-shadow:4px 4px 4px 4px rgb(202, 184,  
107) }
```

# Background

The CSS property to change the background color of an element to Android 4291475563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 184, 107) }
```

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

```
.background{ background-color: rgb(202,  
184, 107) }
```

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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