

# Converting Colors

Android(4291015533)

Have a look what the booklet for  
Android(4291015533) contains.

<b>Android(4291015533)</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(4291015533)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3B36D
RGB	195, 179, 109
RGB Percent	76%, 70%, 43%
CMY	0.2353, 0.2980, 0.5725
CMYK	0.00, 0.08, 0.44, 0.24
HSL	49°, 42%, 60%
HSV	49°, 44%, 76%
XYZ	41.3861, 44.9464, 20.9622
YIQ	175.8040, 32.0060, -18.3780

# Conversions

## Conversions Part 2

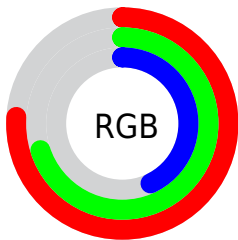
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 195, 109
Decimal	12825453
CIELab	72.86, -4.03, 37.72
CIELCh	73, 37.931, 96.098
Yxy	44.9464, 0.3857, 0.4189
Android (android.graphics.Color)	4291015533 (0xFFC3B36D)
YUV	175.8040, -32.9344, 16.8349
Hunter-Lab	67.0421, -7.1329, 28.3911

# Details

The Android color **4291015533** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **4285365699**, and the grayscale version is **4289769648**.

A 20% lighter version of the original color is **4294831010**, and **4287397691** is the 20% darker color. If you saturate the color by 10%, you get **4291014490**, and if you desaturate by 10%, it is **4291016577**.

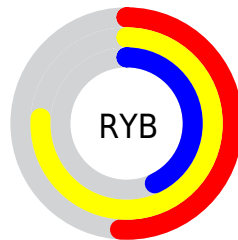
# Distribution



Red (76%)

Green (70%)

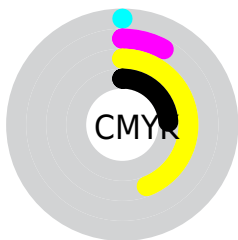
Blue (43%)



Red (51%)

Yellow (76%)

Blue (43%)

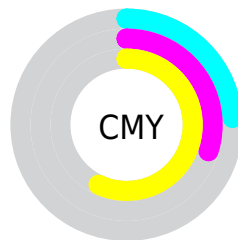


Cyan (0%)

Magenta (8%)

Yellow (44%)

Black (24%)



Cyan (24%)

Magenta (30%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291015533 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 4291015533 by changing the saturation by 10% instead.





4291015533



4291015533

4294967295



4289173588



4294831010



4287397691



4294967229



4285621796



4294967257



4283911690



4294967286



4282332928



4280689152



4278586624



4278190080



4291015533



4291015533

■ 4291014490

■ 4291016577

■ 4291013702

■ 4291017364

■ 4291012658

■ 4291018408

■ 4291011615

■ 4291019451

■ 4291010828

■ 4291020239

■ 4291010304

■ 4291021282

■ 4291022069

■ 4291023103

■ 4291024127

# Harmonies

## Analogous

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



4292978548



4291015533



4288593274

# Triad

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



4291015533



4280796379



4293172432

# Complementary

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



4291015533



4285365699

# 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.



4290815979



4291015533



4283612913

# Square

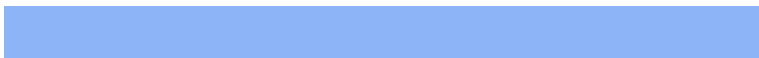
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4291015533



4282762937



4287476983



4294351021

# Rectangle

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



4291015533



4286759307



4287476983



4292517850



# Sweetspot

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



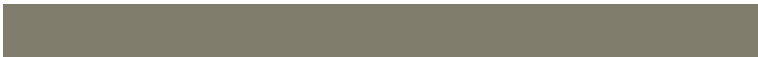
4291015533



4294768348



4290997630



4286610539



4278190080



4286611584



# Same Dimension

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



4291015533



4294763639



4289315693



4284571479



4288774912



4280359680



# Inverse Universe

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



4285365699



4286025980



4287065539



4283914593



4278197921

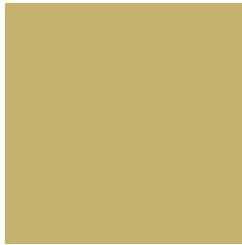


4278191649



# Previews

## White Background



This preview shows how the Android color 4291015533 looks on a white background.

## Color Contrast Check

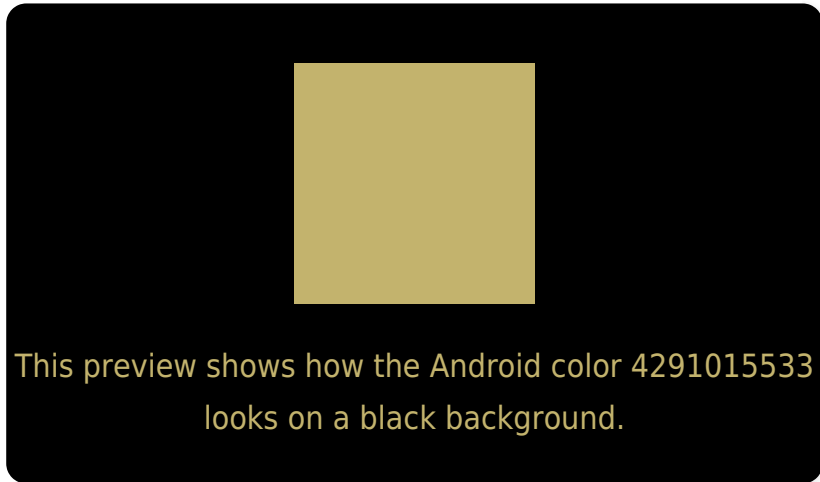
Large Text (above 18pt) WCAG AA × Fail

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 4291015533 Background



This preview shows how black text looks on a background with the Android color 4291015533.



This preview shows how white text looks on a background with the Android color 4291015533.

# 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**  
4291015533

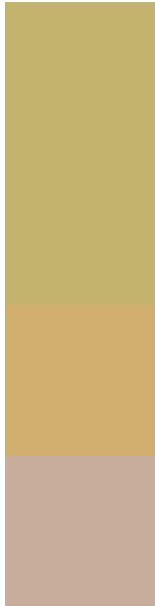
**Protanopia**  
4291015533

**Deuteranopia**  
4292389743



**Tritanopia**  
4291537591

# Trichromacy



**Original Color**  
4291015533

**Protanomaly**  
4291015533

**Deuteranomaly**  
4291866222

**Tritanomaly**  
4291341724

# Monochromacy



**Original Color**  
4291015533

**Achromatopsia**  
4289769648

**Achromatomaly**  
4290228632

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291015533 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(195, 179, 109)` looks like.

```
.text, #text, p{  
    color:rgb(195, 179, 109)  
}
```

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(195, 179, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 179, 109) }
```

## Border

The CSS property to change the border of an element to Android 4291015533 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(195, 179, 109) }
```

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

```
.border{ border-color:rgb(195, 179, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 179, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 179, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 179, 109);  
box-shadow:4px 4px 4px 4px rgb(195, 179,  
109) }
```

# Background

The CSS property to change the background color of an element to Android 4291015533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 179, 109) }
```

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

```
.background{ background-color: rgb(195,  
179, 109) }
```

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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