

# Converting Colors

Android(4291275331)

Have a look what the booklet for  
Android(4291275331) contains.

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# **Color**

**Android(4291275331)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7AA43
RGB	199, 170, 67
RGB Percent	78%, 67%, 26%
CMY	0.2196, 0.3333, 0.7373
CMYK	0.00, 0.15, 0.66, 0.22
HSL	47°, 54%, 52%
HSV	47°, 66%, 78%
XYZ	38.9410, 41.2968, 11.2289
YIQ	166.9290, 50.3470, -25.8850

# Conversions

## Conversions Part 2

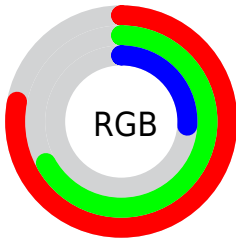
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 199, 67
Decimal	13085251
CIELab	70.38, -0.98, 55.15
CIElCh	70, 55.156, 91.022
Yxy	41.2968, 0.4257, 0.4515
Android (android.graphics.Color)	4291275331 (0xFFC7AA43)
YUV	166.9290, -49.2650, 28.1263
Hunter-Lab	64.2626, -4.2944, 34.6238

# Details

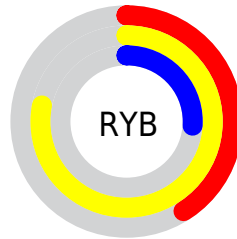
The Android color **4291275331** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4282605767**, and the grayscale version is **4289177511**.

A 20% lighter version of the original color is **4294959480**, and **4287526405** is the 20% darker color. If you saturate the color by 10%, you get **4291274287**, and if you desaturate by 10%, it is **4291276375**.

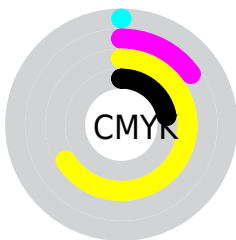
# Distribution



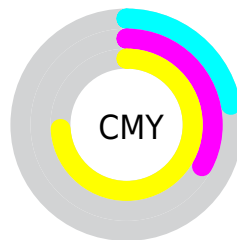
- Red (78%)
- Green (67%)
- Blue (26%)



- Red (41%)
- Yellow (78%)
- Blue (26%)



- Cyan (0%)
- Magenta (15%)
- Yellow (66%)
- Black (22%)



- Cyan (22%)
- Magenta (33%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291275331 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 4291275331 by changing the saturation by 10% instead.





4291275331



4291275331

4294967295



4289368104



4294959480



4287526405



4294966931



4285685248



4294967214



4283909632



4294967242



4282134528



4294967271



4280491008



4278190592



4278190080



4291275331



4291275331

■ 4291274287

■ 4291276375

■ 4291272987

■ 4291277675

■ 4291271943

■ 4291278719

■ 4291271424

■ 4291279763

■ 4291281063

■ 4291282106

■ 4291283406

■ 4291284450

■ 4291285494

# Harmonies

## Analogous

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



4293892180



4291275331



4287936594

# Triad

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



4291275331



4278240478



4293626846

# Complementary

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



4291275331



4282605767

# 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.



4289830655



4291275331



4278238975

# Square

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



4291275331



4278240684



4283150847



4294934700

# Rectangle

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



4291275331



4285185898



4283150847



4292579820



# Sweetspot

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



4291275331



4294964428



4291248994



4286609761



4278190080



4286611584



# Same Dimension

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



4291275331



4294955571



4288988995



4284703066



4288904960



4280556544



# Inverse Universe

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



4282605767



4281557247



4284892103



4284111971



4278199459



4278192164



# Previews

## White Background



This preview shows how the Android color 4291275331 looks on a white background.

## Color Contrast Check

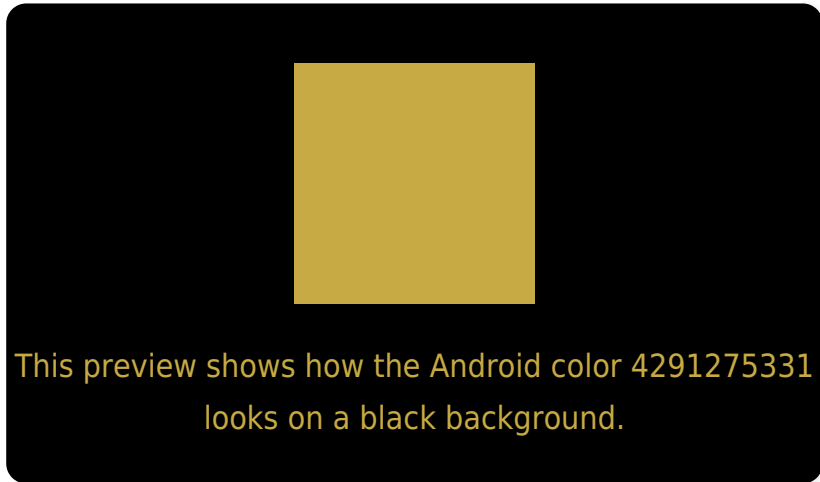
Large Text (above 18pt) WCAG AA × Fail

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 4291275331 Background



This preview shows how black text looks on a background with the Android color 4291275331.



This preview shows how white text looks on a background with the Android color 4291275331.

# 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**  
4291275331

**Protanopia**  
4290817348

**Deuteranopia**  
4292256837



**Tritanopia**  
4291796908

# Trichromacy



**Original Color**  
4291275331

**Protanomaly**  
4291013700

**Deuteranomaly**  
4291929668

**Tritanomaly**  
4291601286

# Monochromacy



**Original Color**  
4291275331

**Achromatopsia**  
4289177511

**Achromatomaly**  
4289964163

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291275331 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(199, 170, 67)` looks like.

```
.text, #text, p{  
    color:rgb(199, 170, 67)  
}
```

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(199, 170, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 170, 67) }
```

## Border

The CSS property to change the border of an element to Android 4291275331 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(199, 170, 67) }
```

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

```
.border{ border-color:rgb(199, 170, 67) }
```

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

Here you see how a box with a 4 pixel rgb(199, 170, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 170, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 170, 67);  
box-shadow:4px 4px 4px 4px rgb(199, 170,  
67) }
```

# Background

The CSS property to change the background color of an element to Android 4291275331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 170, 67) }
```

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

```
.background{ background-color: rgb(199,  
170, 67) }
```

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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