

# Converting Colors

Android(4291736231)

Have a look what the booklet for  
Android(4291736231) contains.

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# **Color**

**Android(4291736231)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEB2A7
RGB	206, 178, 167
RGB Percent	81%, 70%, 65%
CMY	0.1922, 0.3020, 0.3451
CMYK	0.00, 0.14, 0.19, 0.19
HSL	17°, 28%, 73%
HSV	17°, 19%, 81%
XYZ	48.3490, 47.7526, 43.2281
YIQ	185.1180, 20.2190, 2.5150

# Conversions

## Conversions Part 2

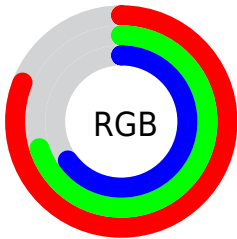
Format	Color
R <sub>Y</sub> B	206, 182, 167
Decimal	13546151
CIE Lab	74.67, 8.32, 9.33
CIE LCh	75, 12.503, 48.273
Yxy	47.7526, 0.3470, 0.3427
Android (android.graphics.Color)	4291736231 (0xFFCEB2A7)
YUV	185.1180, -8.9322, 18.3135
Hunter-Lab	69.1033, 3.9592, 11.2829

# Details

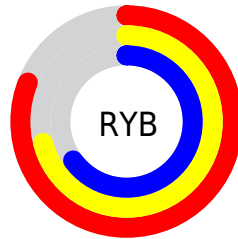
The Android color `4291736231` is a light color, and the websafe version is hex `CC9999`. A complement of this color would be `4289184718`, and the grayscale version is `4290361785`.

A 20% lighter version of the original color is `4294961886`, and `4288118131` is the 20% darker color. If you saturate the color by 10%, you get `4291732370`, and if you desaturate by 10%, it is `4291740092`.

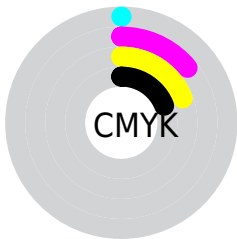
# Distribution



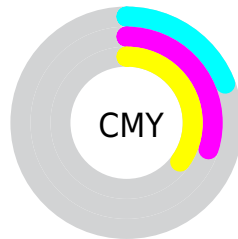
- Red (81%)
- Green (70%)
- Blue (65%)



- Red (81%)
- Yellow (71%)
- Blue (65%)



- Cyan (0%)
- Magenta (14%)
- Yellow (19%)
- Black (19%)



- Cyan (19%)
- Magenta (30%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291736231 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 4291736231 by changing the saturation by 10% instead.





4291736231



4291736231

4294967295



4289894285



4294961886



4288118131



4294967291



4286407771



4284763203



4283119149



4281606168



4280289792




4278190080





4291736231




4291736231


 4291732370


 4291740092

 4291728510

 4291743952

 4291724905


 4291747557


 4291721045


 4291751417


 4291717184


 4291755263

 4291713323

 4291756031

 4291709463

 4291705858

 4291705344

# Harmonies

## Analogous

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



4291932337



4291736231



4291212705

# Triad

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



4291736231



4288790195



4290033357

# Complementary

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



4291736231



4289184718

# 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.



4289116878



4291736231



4288397246

# Square

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



4291736231



4289510568



4288527816



4290950087

# Rectangle

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



4291736231



4290689185



4288527816



4289706190

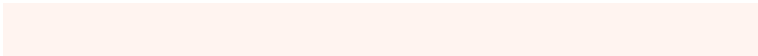


# Sweetspot

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



4291736231



4294964464



4291733444



4286609783



4278190080



4286611584



# Same Dimension

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



4291736231



4294956484



4291741095



4284899164



4289081088



4280683264

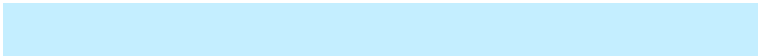


# Inverse Universe

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



4289184718



4291096319



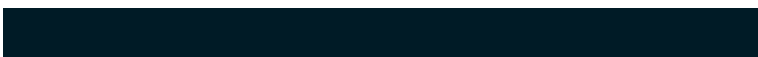
4289179854



4284244838



4278220710

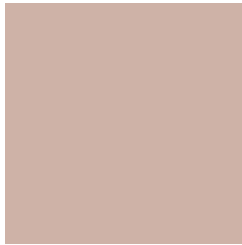


4278197030



# Previews

## White Background



This preview shows how the Android color 4291736231 looks on a white background.

## Color Contrast Check

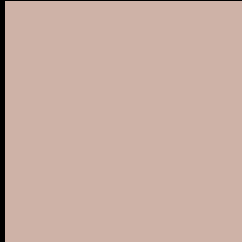
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4291736231 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

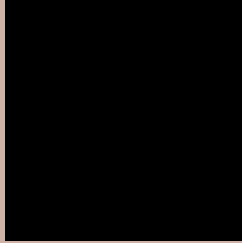
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291736231 Background



This preview shows how black text looks on a background with the Android color 4291736231.



This preview shows how white text looks on a background with the Android color 4291736231.

# 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**  
4291736231

**Protanopia**  
4290688938

**Deuteranopia**  
4291867047



**Tritanopia**  
4291932092

# Trichromacy



**Original Color**  
4291736231

**Protanomaly**  
4291081641

**Deuteranomaly**  
4291801511

**Tritanomaly**  
4291866804

# Monochromacy



**Original Color**  
4291736231

**Achromatopsia**  
4290361785

**Achromatomaly**  
4290885298

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291736231 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(206, 178, 167)` looks like.

```
.text, #text, p{  
    color:rgb(206, 178, 167)  
}
```

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(206, 178, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 178, 167) }
```

## Border

The CSS property to change the border of an element to Android 4291736231 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(206, 178, 167) }
```

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

```
.border{ border-color:rgb(206, 178, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 178, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 178, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 178, 167);  
box-shadow:4px 4px 4px 4px rgb(206, 178,  
167) }
```

# Background

The CSS property to change the background color of an element to Android 4291736231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 178, 167) }
```

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

```
.background{ background-color: rgb(206,  
178, 167) }
```

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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