

# Converting Colors

Android(4291536791)

Have a look what the booklet for  
Android(4291536791) contains.

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# **Color**

**Android(4291536791)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CBA797
RGB	203, 167, 151
RGB Percent	80%, 65%, 59%
CMY	0.2039, 0.3451, 0.4078
CMYK	0.00, 0.18, 0.26, 0.20
HSL	18°, 33%, 69%
HSV	18°, 26%, 80%
XYZ	44.0332, 42.5683, 35.1739
YIQ	175.9400, 26.5920, 2.6560

# Conversions

## Conversions Part 2

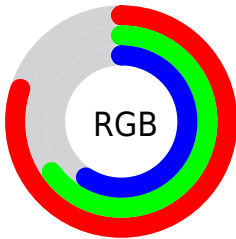
Format	Color
<b>R<sub>YB</sub></b>	203, 174, 151
Decimal	13346711
CIE Lab	71.26, 10.76, 13.22
CIE LCh	71, 17.046, 50.851
Yxy	42.5683, 0.3616, 0.3496
Android (android.graphics.Color)	4291536791 (0xFFCBA797)
YUV	175.9400, -12.2954, 23.7316
Hunter-Lab	65.2444, 6.2914, 13.7073

# Details

The Android color `4291536791` is a light color, and the websafe version is hex `CC9999`. A complement of this color would be `4288134091`, and the grayscale version is `4289769648`.

A 20% lighter version of the original color is `4294958797`, and `4287918948` is the 20% darker color. If you saturate the color by 10%, you get `4291533187`, and if you desaturate by 10%, it is `4291540395`.

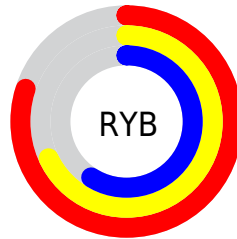
# Distribution



Red (80%)

Green (65%)

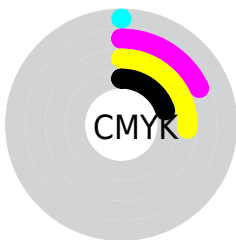
Blue (59%)



Red (80%)

Yellow (68%)

Blue (59%)

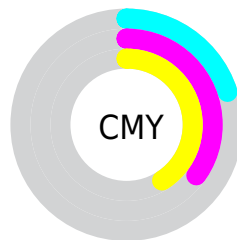


Cyan (0%)

Magenta (18%)

Yellow (26%)

Black (20%)



Cyan (20%)

Magenta (35%)


Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291536791 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 4291536791 by changing the saturation by 10% instead.



 4291536791

 4291536791

4294967295

 4289695101

 4294958797

 4287918948

 4294966249

 4286208588


 4284498741

 4282920224


 4281341961


 4279959552

 4278190080


 4291536791

 4291536791


 4291533187


 4291540395


 4291529582


 4291544000


 4291525978

 4291547604

 4291522374

 4291551208

 4291518770

 4291554813

 4291515165

 4291558399

 4291511561

 4291559423

 4291509760

# Harmonies

## Analogous

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



4291798180



4291536791



4290751632

# Triad

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



4291536791



4287543209



4289440971

# Complementary

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



4291536791



4288134091

# 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.



4288131533



4291536791



4287018937

# Square

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



4291536791



4288525723



4287215046



4290684866

# Rectangle

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



4291536791



4290097040



4287215046



4288982733

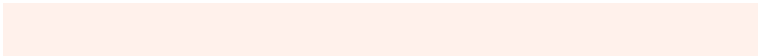


# Sweetspot

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



4291536791



4294963691



4291532731



4286609267



4278190080



4286611584



# Same Dimension

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



4291536791



4294953136



4291543447



4284899164



4289082112



4280683520

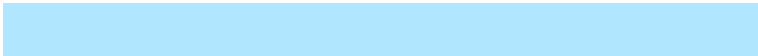


# Inverse Universe

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



4288134091



4289783807



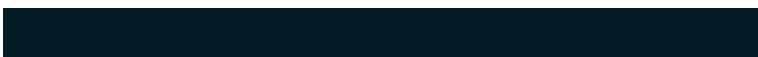
4288127435



4284244838



4278219686



4278196774



# Previews

## White Background



This preview shows how the Android color 4291536791 looks on a white background.

## Color Contrast Check

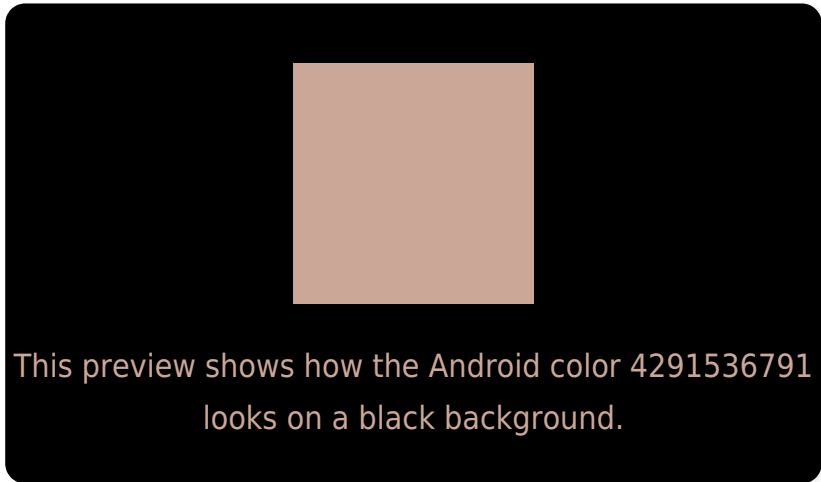
Large Text (above 18pt) WCAG AA × Fail

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

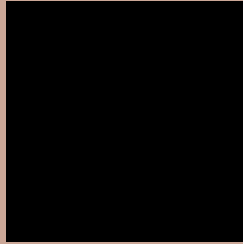
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291536791 Background



This preview shows how black text looks on a background with the Android color 4291536791.



This preview shows how white text looks on a background with the Android color 4291536791.

# 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**  
4291536791

**Protanopia**  
4290162331

**Deuteranopia**  
4291340439



**Tritanopia**  
4291732400

# Trichromacy



**Original Color**  
4291536791

**Protanomaly**  
4290685850

**Deuteranomaly**  
4291405975

**Tritanomaly**  
4291667111

# Monochromacy



**Original Color**  
4291536791

**Achromatopsia**  
4289769648

**Achromatomaly**  
4290424231

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291536791 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(203, 167, 151)` looks like.

```
.text, #text, p{  
    color:rgb(203, 167, 151)  
}
```

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(203, 167, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 167, 151) }
```

## Border

The CSS property to change the border of an element to Android 4291536791 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(203, 167, 151) }
```

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

```
.border{ border-color:rgb(203, 167, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 167, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 167, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 167, 151);  
box-shadow:4px 4px 4px 4px rgb(203, 167,  
151) }
```

# Background

The CSS property to change the background color of an element to Android 4291536791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 167, 151) }
```

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

```
.background{ background-color: rgb(203,  
167, 151) }
```

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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