

# Converting Colors

Android(4291536779)

Have a look what the booklet for  
Android(4291536779) contains.

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# **Color**

**Android(4291536779)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBA78B
RGB	203, 167, 139
RGB Percent	80%, 65%, 55%
CMY	0.2039, 0.3451, 0.4549
CMYK	0.00, 0.18, 0.32, 0.20
HSL	26°, 38%, 67%
HSV	26°, 32%, 80%
XYZ	43.1075, 42.1980, 30.2991
YIQ	174.5720, 30.4440, -1.0760

# Conversions

## Conversions Part 2

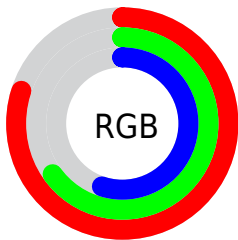
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	203, 189, 139
Decimal	13346699
CIE <sub>Lab</sub>	71.01, 9.13, 19.44
CIE <sub>LCh</sub>	71, 21.475, 64.854
Yxy	42.1980, 0.3729, 0.3650
Android (android.graphics.Color)	4291536779 (0xFFCBA78B)
YUV	174.5720, -17.5370, 24.9314
Hunter-Lab	64.9600, 4.7728, 17.8175

# Details

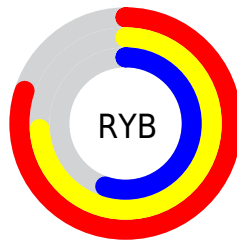
The Android color `4291536779` is a light color, and the websafe version is hex `CC9966`. A complement of this color would be `4287344587`, and the grayscale version is `4289703855`.

A 20% lighter version of the original color is `4294958785`, and `4287918937` is the 20% darker color. If you saturate the color by 10%, you get `4291533943`, and if you desaturate by 10%, it is `4291539615`.

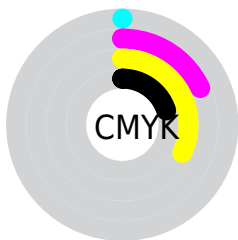
# Distribution



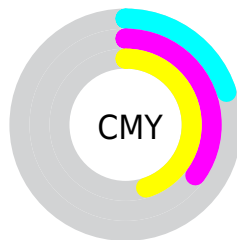
- Red (80%)
- Green (65%)
- Blue (55%)



- Red (80%)
- Yellow (74%)
- Blue (55%)



- Cyan (0%)
- Magenta (18%)
- Yellow (32%)
- Black (20%)



- Cyan (20%)
- Magenta (35%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291536779 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 4291536779 by changing the saturation by 10% instead.





4291536779



4291536779

4294967295



4289695089



4294958785



4287918937



4294966237



4286143297



4294967289



4284498731



4282854678



4281341952



4279762944




4278190080




4291536779





4291536779


 4291533943

 4291539615


 4291530850

 4291542708

 4291528014

 4291545544


 4291524922

 4291548636


 4291522085


 4291551473

 4291518993

 4291554559

 4291516672

 4291557375

 4291559423

# Harmonies

## Analogous

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



4292190872



4291536779



4290358919

# Triad

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



4291536779



4286429616



4290095310

# Complementary

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



4291536779



4287344587

# 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.



4288392916



4291536779



4286101699

# Square

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



4291536779



4287543197



4286821585



4291470015

# Rectangle

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



4291536779



4289442442



4286821585



4289571537

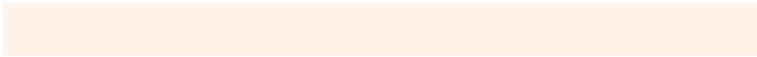


# Sweetspot

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



4291536779



4294963944



4291529647



4286609521



4278190080



4286611584



# Same Dimension

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



4291536779



4294953118



4291544971



4284899420



4289087744



4280684800

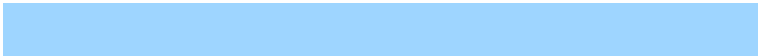


# Inverse Universe

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



4287344587



4288599551



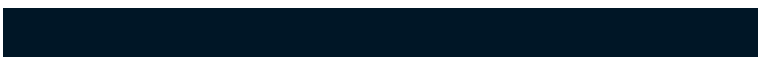
4287336395



4284244582



4278214054



4278195750



# Previews

## White Background



This preview shows how the Android color 4291536779 looks on a white background.

## Color Contrast Check

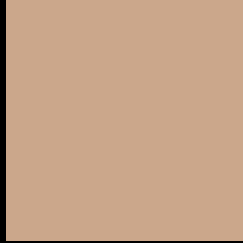
Large Text (above 18pt) WCAG AA × Fail

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 4291536779 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

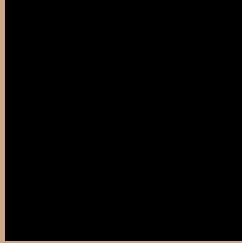
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291536779 Background



This preview shows how black text looks on a background with the Android color 4291536779.



This preview shows how white text looks on a background with the Android color 4291536779.

# 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**  
4291536779

**Protanopia**  
4290293390

**Deuteranopia**  
4291536779



**Tritanopia**  
4291797679

# Trichromacy



**Original Color**  
4291536779

**Protanomaly**  
4290751373

**Deuteranomaly**  
4291536779

**Tritanomaly**  
4291732642

# Monochromacy



**Original Color**  
4291536779

**Achromatopsia**  
4289703855

**Achromatomaly**  
4290358434

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291536779 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, 139)` looks like.

```
.text, #text, p{  
    color:rgb(203, 167, 139)  
}
```

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, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 167, 139) }
```

## Border

The CSS property to change the border of an element to Android 4291536779 is called "border". The border property can be set on classes, ids or directly on the HTML element.

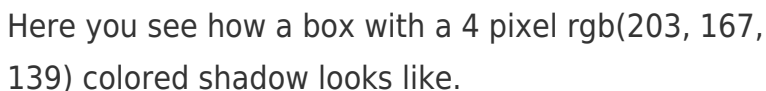
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 167, 139) }
```

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

```
.border{ border-color:rgb(203, 167, 139) }
```

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, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 167, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 167, 139); box-shadow:4px 4px 4px 4px rgb(203, 167, 139) }
```

# Background

The CSS property to change the background color of an element to Android 4291536779 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, 139) }
```

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

```
.background{ background-color: rgb(203,  
167, 139) }
```

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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