

# Converting Colors

Android(4291802003)

Have a look what the booklet for  
Android(4291802003) contains.

<b>Android(4291802003)</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(4291802003)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CFB393
RGB	207, 179, 147
RGB Percent	81%, 70%, 58%
CMY	0.1882, 0.2980, 0.4235
CMYK	0.00, 0.14, 0.29, 0.19
HSL	32°, 38%, 69%
HSV	32°, 29%, 81%
XYZ	47.1187, 47.6122, 34.3104
YIQ	183.7240, 26.9600, -4.0160

# Conversions

## Conversions Part 2

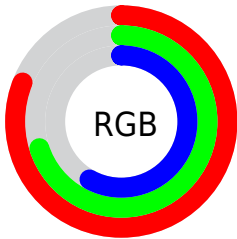
Format	Color
R <sub>Y</sub> B	200, 207, 147
Decimal	13611923
CIE Lab	74.58, 5.29, 20.07
CIE LCh	75, 20.759, 75.235
Yxy	47.6122, 0.3651, 0.3690
Android (android.graphics.Color)	4291802003 (0xFFCFB393)
YUV	183.7240, -18.1049, 20.4131
Hunter-Lab	69.0016, 1.1384, 18.8197

# Details

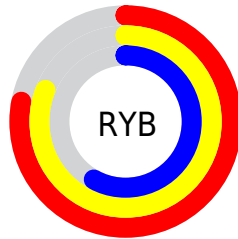
The Android color `4291802003` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `4287868879`, and the grayscale version is `4290295992`.

A 20% lighter version of the original color is `4294962121`, and `4288183904` is the 20% darker color. If you saturate the color by 10%, you get `4291799422`, and if you desaturate by 10%, it is `4291804584`.

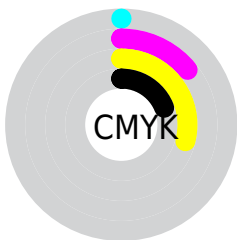
# Distribution



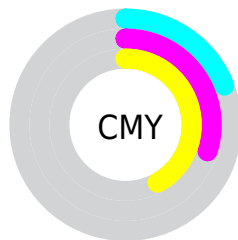
- Red (81%)
- Green (70%)
- Blue (58%)



- Red (78%)
- Yellow (81%)
- Blue (58%)



- Cyan (0%)
- Magenta (14%)
- Yellow (29%)
- Black (19%)



- Cyan (19%)
- Magenta (30%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291802003 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 4291802003 by changing the saturation by 10% instead.





4291802003



4291802003

4294967295



4289960057



4294962121



4288183904



4294967269



4286408008



4284763442



4283119388



4281540868



4280093696




4278190080



4291802003




4291802003

 4291799422


 4291804584

 4291797098

 4291806908

 4291794517


 4291809489

 4291791936


 4291812070

 4291789612


 4291814395


 4291787031

 4291816959

 4291784450

 4291819519

 4291784192

 4291821567

# Harmonies

## Analogous

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



4292652445



4291802003



4290558355

# Triad

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



4291802003



4286956225



4291276754

# Complementary

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



4291802003



4287868879

# 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.



4289640156



4291802003



4287021522

# Square

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



4291802003



4287808173



4288068828



4292389826

# Rectangle

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



4291802003



4289641880



4288068828



4290752983

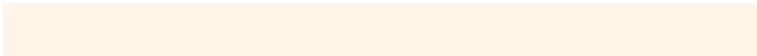


# Sweetspot

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



4291802003



4294964456



4291793839



4286609777



4278190080



4286611584



# Same Dimension

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



4291802003



4294956454



4291743635



4285097054



4289223168



4280882688



# Inverse Universe

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



4287868879



4289122303



4287992783



4284375913



4278210472



4278194985



# Previews

## White Background



This preview shows how the Android color 4291802003 looks on a white background.

## Color Contrast Check

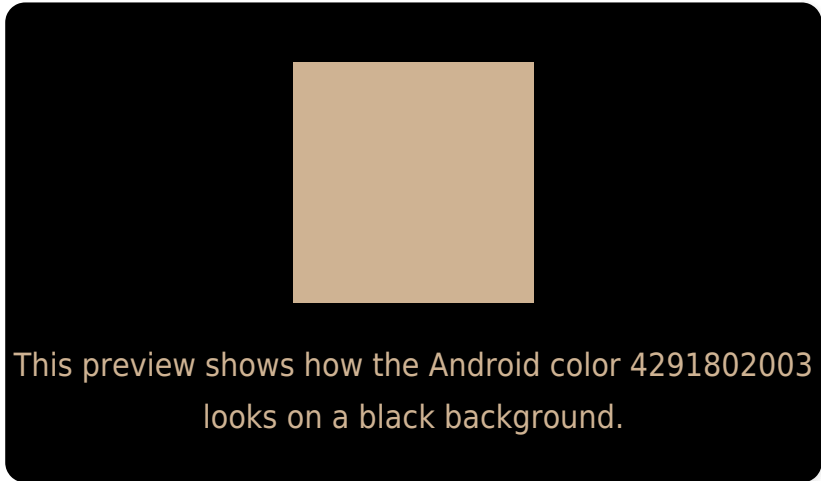
Large Text (above 18pt) WCAG AA × Fail

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

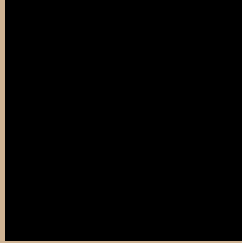
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291802003 Background



This preview shows how black text looks on a background with the Android color 4291802003.



This preview shows how white text looks on a background with the Android color 4291802003.

# 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**  
4291802003

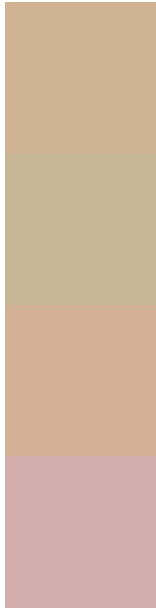
**Protanopia**  
4291016597

**Deuteranopia**  
4292259988



**Tritanopia**  
4292128187

# Trichromacy



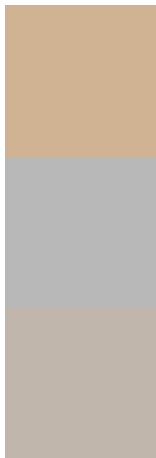
**Original Color**  
4291802003

**Protanomaly**  
4291278484

**Deuteranomaly**  
4292063636

**Tritanomaly**  
4291997612

# Monochromacy



**Original Color**  
4291802003

**Achromatopsia**  
4290295992

**Achromatomaly**  
4290819755

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291802003 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(207, 179, 147)` looks like.

```
.text, #text, p{  
    color:rgb(207, 179, 147)  
}
```

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(207, 179, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 179, 147) }
```

## Border

The CSS property to change the border of an element to Android 4291802003 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(207, 179, 147) }
```

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

```
.border{ border-color:rgb(207, 179, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 179, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 179, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 179, 147);  
box-shadow:4px 4px 4px 4px rgb(207, 179,  
147) }
```

# Background

The CSS property to change the background color of an element to Android 4291802003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 179, 147) }
```

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

```
.background{ background-color: rgb(207,  
179, 147) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor