

# Converting Colors

Android(4291933844)

Have a look what the booklet for  
Android(4291933844) contains.

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# **Color**

**Android(4291933844)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D1B694
RGB	209, 182, 148
RGB Percent	82%, 71%, 58%
CMY	0.1804, 0.2863, 0.4196
CMYK	0.00, 0.13, 0.29, 0.18
HSL	33°, 40%, 70%
HSV	33°, 29%, 82%
XYZ	48.3677, 49.1493, 34.9545
YIQ	186.1970, 27.0060, -4.8500

# Conversions

## Conversions Part 2

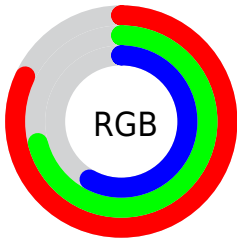
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	196, 209, 148
Decimal	13743764
CIE Lab	75.54, 4.60, 20.89
CIE LCh	76, 21.391, 77.583
Yxy	49.1493, 0.3651, 0.3710
Android (android.graphics.Color)	4291933844 (0xFFD1B694)
YUV	186.1970, -18.8311, 19.9982
Hunter-Lab	70.1066, 0.4637, 19.5132

# Details

The Android color `4291933844` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `4287934417`, and the grayscale version is `4290427578`.

A 20% lighter version of the original color is `4294962890`, and `4288315745` is the 20% darker color. If you saturate the color by 10%, you get `4291931519`, and if you desaturate by 10%, it is `4291936169`.

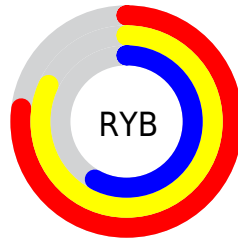
# Distribution



Red (82%)

Green (71%)

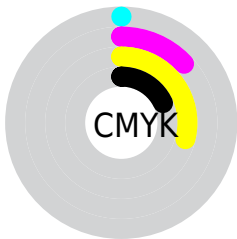
Blue (58%)



Red (77%)

Yellow (82%)

Blue (58%)

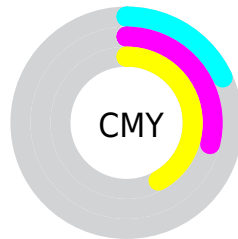


Cyan (0%)

Magenta (13%)

Yellow (29%)

Black (18%)



Cyan (18%)

Magenta (29%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291933844 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 4291933844 by changing the saturation by 10% instead.





4291933844



4291933844

4294967295



4290091898



4294962890



4288315745



4294967270



4286539849



4284829746



4283185437



4281672709



4280160000




4278190080



4291933844



4291933844

 4291931519


 4291936169

 4291928938

 4291938750

 4291926613

 4291941075


 4291924288

 4291943400


 4291921964

 4291945725

 4291919383

 4291948287

 4291917058

 4291950591

 4291916800

 4291952639

# Harmonies

## Analogous

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



4292849822



4291933844



4290624660

# Triad

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



4291933844



4286956997



4291604949

# Complementary

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



4291933844



4287934417

# 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.



4289968351



4291933844



4287087575

# Square

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



4291933844



4287808945



4288265952



4292718019

# Rectangle

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



4291933844



4289642651



4288265952



4291081177

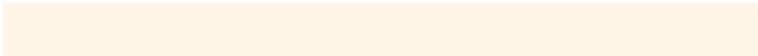


# Sweetspot

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



4291933844



4294964712



4291925167



4286609777



4278190080



4286611584



# Same Dimension

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



4291933844



4294956966



4291744148



4285097054



4289224192



4280882944

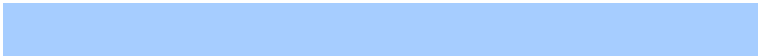


# Inverse Universe

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



4287934417



4289121791



4288124113



4284375913



4278209192

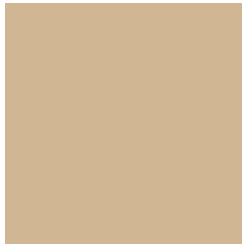


4278194729



# Previews

## White Background



This preview shows how the Android color 4291933844 looks on a white background.

## Color Contrast Check

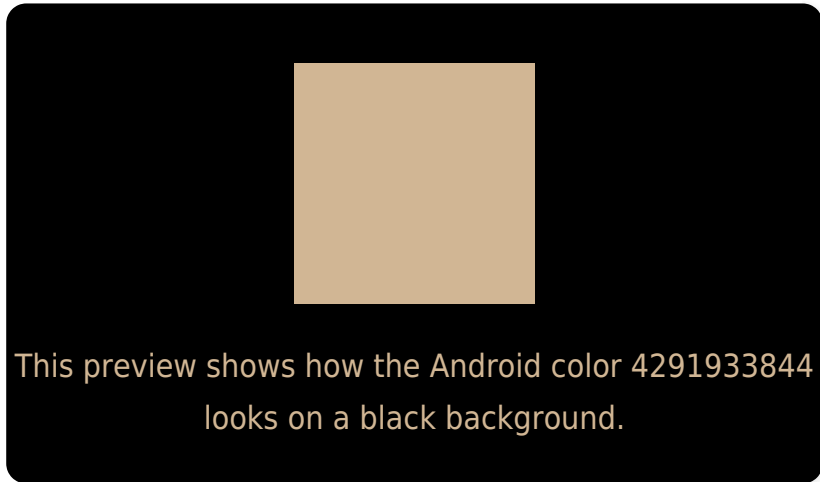
Large Text (above 18pt) WCAG AA × Fail

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 4291933844 Background



This preview shows how black text looks on a background with the Android color 4291933844.



This preview shows how white text looks on a background with the Android color 4291933844.

# 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**  
4291933844

**Protanopia**  
4291213974

**Deuteranopia**  
4292457365



**Tritanopia**  
4292260030

# Trichromacy



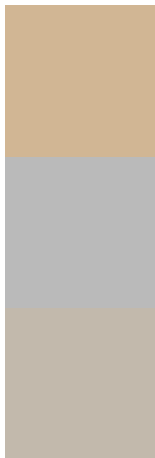
**Original Color**  
4291933844

**Protanomaly**  
4291475861

**Deuteranomaly**  
4292261013

**Tritanomaly**  
4292129455

# Monochromacy



**Original Color**  
4291933844

**Achromatopsia**  
4290427578

**Achromatomaly**  
4290951596

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291933844 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(209, 182, 148)` looks like.

```
.text, #text, p{  
    color:rgb(209, 182, 148)  
}
```

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(209, 182, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 182, 148) }
```

## Border

The CSS property to change the border of an element to Android 4291933844 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(209, 182, 148) }
```

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

```
.border{ border-color:rgb(209, 182, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 182, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 182, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 182, 148);  
box-shadow:4px 4px 4px 4px rgb(209, 182,  
148) }
```

# Background

The CSS property to change the background color of an element to Android 4291933844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 182, 148) }
```

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

```
.background{ background-color: rgb(209,  
182, 148) }
```

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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