

# Converting Colors

Android(4291677608)

Have a look what the booklet for  
Android(4291677608) contains.

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# **Color**

**Android(4291677608)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDCDA8
RGB	205, 205, 168
RGB Percent	80%, 80%, 66%
CMY	0.1961, 0.1961, 0.3412
CMYK	0.00, 0.00, 0.18, 0.20
HSL	60°, 27%, 73%
HSV	60°, 18%, 80%
XYZ	54.0760, 59.4689, 45.6743
YIQ	200.7820, 11.8770, -11.5070

# Conversions

## Conversions Part 2

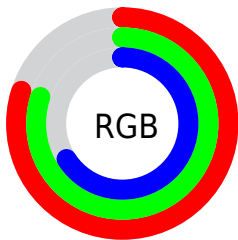
<b>Format</b>	<b>Color</b>
<b>RYB</b>	168, 205, 168
Decimal	13487528
CIELab	81.55, -6.16, 18.47
CIELCh	82, 19.471, 108.438
Yxy	59.4689, 0.3396, 0.3735
Android (android.graphics.Color)	4291677608 (0xFFCDCDA8)
YUV	200.7820, -16.1615, 3.6992
Hunter-Lab	77.1161, -9.7838, 18.8650

# Details

The Android color `4291677608` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `4289243341`, and the grayscale version is `4291414473`.

A 20% lighter version of the original color is `4294967263`, and `4288059252` is the 20% darker color. If you saturate the color by 10%, you get `4291677588`, and if you desaturate by 10%, it is `4291677628`.

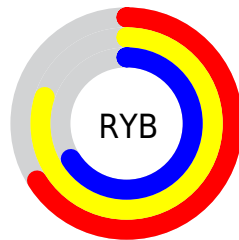
# Distribution



Red (80%)

Green (80%)

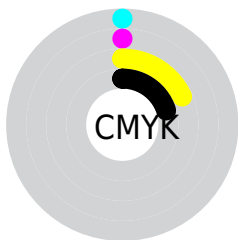
Blue (66%)



Red (66%)

Yellow (80%)

Blue (66%)

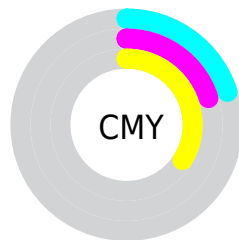


Cyan (0%)

Magenta (0%)

Yellow (18%)

Black (20%)



Cyan (20%)

Magenta (20%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291677608 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 4291677608 by changing the saturation by 10% instead.





4291677608



4291677608

4294967295



4289835661



4294967263



4288059252



4294967292



4286348635



4284703811



4283124781



4281611800



4280295424



4278192640




4278190080


 4291677608


 4291677608

 4291677588

 4291677628


 4291677567


 4291677649

 4291677547

 4291677669

 4291677526


 4291677690


 4291677505

 4291677695

 4291677485

 4291677464

 4291677444

 4291677440

# Harmonies

## Analogous

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



4292921255



4291677608



4290302642

# Triad

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



4291677608



4288599013



4293640146

# Complementary

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



4291677608



4289243341

# Split Complementary

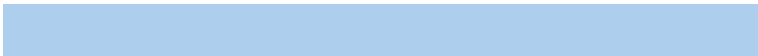
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4292592355



4291677608



4289646318

# Square

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



4291677608



4288402901



4291152109



4294033088

# Rectangle

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



4291677608



4289451197



4291152109



4293378264



# Sweetspot

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



4291677608



4294967282



4291668136



4286611576



4278190080



4286611584



# Same Dimension

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



4291677608



4294967239



4290497960



4284900956



4289111552



4280690176



# Inverse Universe

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



4289243341



4291282943



4290488525



4284243046



4278190246

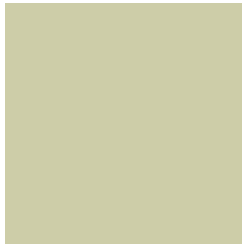


4278190118



# Previews

## White Background



This preview shows how the Android color 4291677608 looks on a white background.

## Color Contrast Check

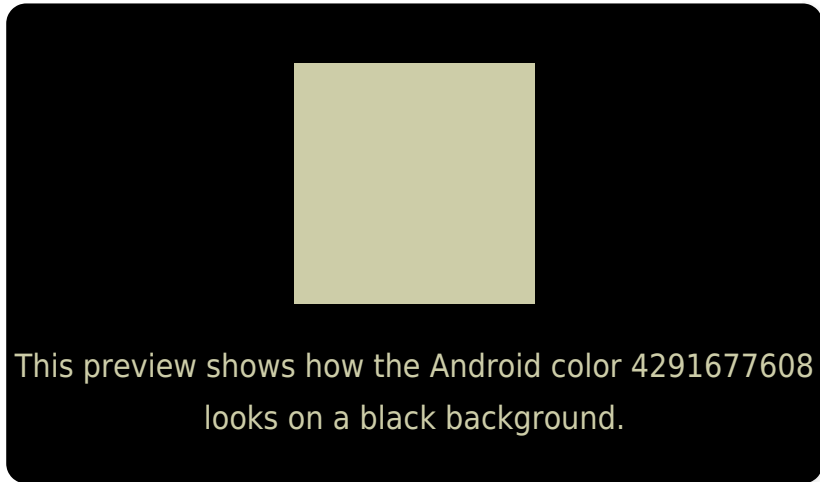
Large Text (above 18pt) WCAG AA × Fail

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

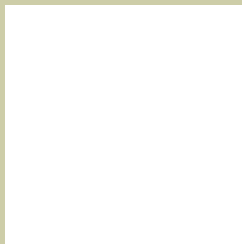
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4291677608 Background



This preview shows how black text looks on a background with the Android color 4291677608.



This preview shows how white text looks on a background with the Android color 4291677608.

# 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



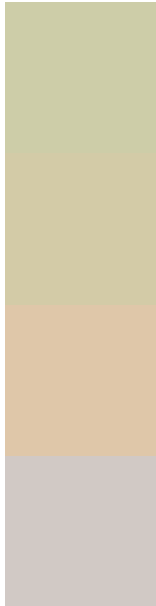
**Original Color**  
4291677608

**Protanopia**  
4292266663

**Deuteranopia**  
4293575594



# Trichromacy



**Original Color**  
4291677608

**Protanomaly**  
4292070311

**Deuteranomaly**  
4292855721

**Tritanomaly**  
4291938757

# Monochromacy



**Original Color**  
4291677608

**Achromatopsia**  
4291414473

**Achromatomaly**  
4291480253

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291677608 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(205, 205, 168)` looks like.

```
.text, #text, p{  
    color:rgb(205, 205, 168)  
}
```

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(205, 205, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 205, 168) }
```

## Border

The CSS property to change the border of an element to Android 4291677608 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(205, 205, 168) }
```

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

```
.border{ border-color:rgb(205, 205, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 205, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 205, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 205, 168);  
box-shadow:4px 4px 4px 4px rgb(205, 205,  
168) }
```

# Background

The CSS property to change the background color of an element to Android 4291677608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 205, 168) }
```

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

```
.background{ background-color: rgb(205,  
205, 168) }
```

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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