

# Converting Colors

Android(4291677648)

Have a look what the booklet for  
Android(4291677648) contains.

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# **Color**

**Android(4291677648)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CDCDD0
RGB	205, 205, 208
RGB Percent	80%, 80%, 82%
CMY	0.1961, 0.1961, 0.1843
CMYK	0.01, 0.01, 0.00, 0.18
HSL	240°, 3%, 81%
HSV	240°, 1%, 82%
XYZ	58.3933, 61.1958, 68.4088
YIQ	205.3420, -0.9630, 0.9330

# Conversions

## Conversions Part 2

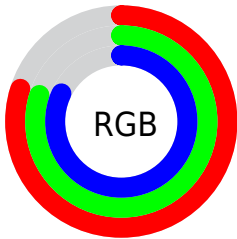
Format	Color
R <sub>Y</sub> B	205, 205, 208
Decimal	13487568
CIE Lab	82.48, 0.56, -1.50
CIE LCh	82, 1.596, 290.358
Yxy	61.1958, 0.3106, 0.3255
Android (android.graphics.Color)	4291677648 (0xFFCDD0)
YUV	205.3420, 1.3104, -0.2999
Hunter-Lab	78.2278, -3.6568, 2.9114

# Details

The Android color `4291677648` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `4291875021`, and the grayscale version is `4291677645`.

A 20% lighter version of the original color is `4294967295`, and `4288124826` is the 20% darker color. If you saturate the color by 10%, you get `4290296016`, and if you desaturate by 10%, it is `4293059280`.

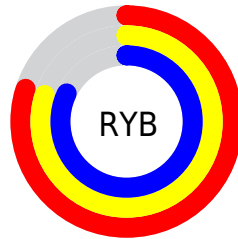
# Distribution



Red (80%)

Green (80%)

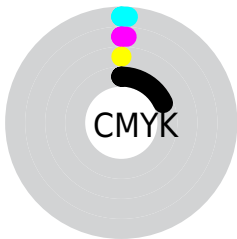
Blue (82%)



Red (80%)

Yellow (80%)

Blue (82%)

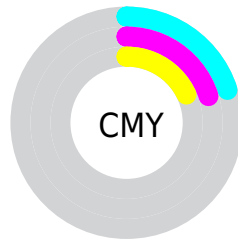


Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (18%)



Cyan (20%)

Magenta (20%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291677648 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 4291677648 by changing the saturation by 10% instead.



■ 4291677648

■ 4291677648

4294967295

■ 4289901236

■ 4288124826

■ 4286414208

■ 4284769383


■ 4283190351

■ 4281742904

■ 4280295459

■ 4278782221

■ 4278190080

 4291677648

 4291677648

 4290296016

 4293059280

 4288914384

 4294440912

 4287598544

 4294967248

 4286216912

 4284835280

 4283453648

 4282072016

 4280756176

 4279374544

# Harmonies

## Analogous

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



4291546576



4291677648



4291808719

# Triad

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



4291677648



4291874251



4291481293

# Complementary

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



4291677648



4291875021

# 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.



4291612363



4291677648



4291808714

# Square

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



4291677648



4291939532



4291677642



4291481294

# Rectangle

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



4291677648



4291873998



4291677642



4291546828



# Sweetspot

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



4291677648

4294967295



4291678416



4286611584



4278190080

# Same Dimension

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



4291677648



4294638335



4291808720



4284900969



4278190248



4278190121



# Inverse Universe

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



4291874256



4294966015



4291809485



4285097577



4289200296

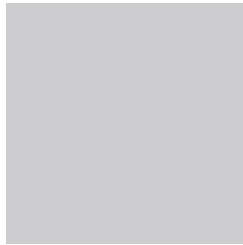


4280877097



# Previews

## White Background



This preview shows how the Android color 4291677648 looks on a white background.

## Color Contrast Check

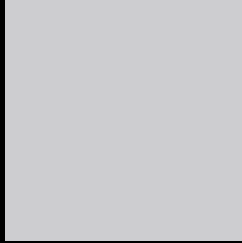
Large Text (above 18pt) WCAG AA × Fail

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 4291677648 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

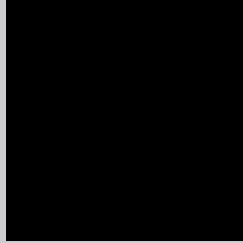
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

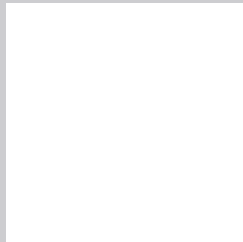
Any Text WCAG AAA ✓ Pass

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

# Android 4291677648 Background



This preview shows how black text looks on a background with the Android color 4291677648.



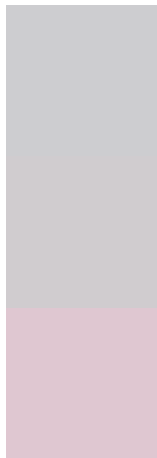
This preview shows how white text looks on a background with the Android color 4291677648.



# 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**  
4291677648

**Protanopia**  
4291873999

**Deuteranopia**  
4292855761



**Tritanopia**  
4291808219

# Trichromacy



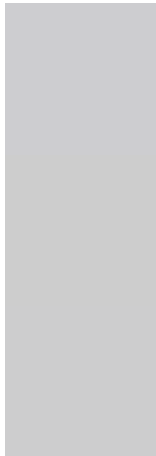
**Original Color**  
4291677648

**Protanomaly**  
4291808463

**Deuteranomaly**  
4292397521

**Tritanomaly**  
4291742935

# Monochromacy



**Original Color**  
4291677648

**Achromatopsia**  
4291677645

**Achromatomaly**  
4291677646

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291677648 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(205, 205, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 205, 208) }
```

## Border

The CSS property to change the border of an element to Android 4291677648 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, 208) }
```

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

```
.border{ border-color:rgb(205, 205, 208) }
```

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, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 205, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 205, 208);  
box-shadow:4px 4px 4px 4px rgb(205, 205,  
208) }
```

# Background

The CSS property to change the background color of an element to Android 4291677648 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, 208) }
```

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

```
.background{ background-color: rgb(205,  
205, 208) }
```

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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