

# Converting Colors

Android(4291680733)

Have a look what the booklet for  
Android(4291680733) contains.

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# **Color**

**Android(4291680733)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CDD9DD
RGB	205, 217, 221
RGB Percent	80%, 85%, 87%
CMY	0.1961, 0.1490, 0.1333
CMYK	0.07, 0.02, 0.00, 0.13
HSL	195°, 19%, 84%
HSV	195°, 7%, 87%
XYZ	63.0408, 67.8253, 78.1756
YIQ	213.8680, -8.4360, -1.3000

# Conversions

## Conversions Part 2

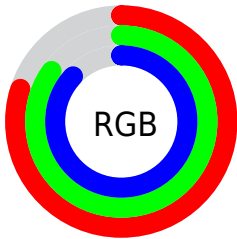
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 212, 221
Decimal	13490653
CIE <sub>Lab</sub>	85.92, -3.26, -3.37
CIE <sub>LCh</sub>	86, 4.687, 225.904
Yxy	67.8253, 0.3016, 0.3245
Android (android.graphics.Color)	4291680733 (0xFFCDD9DD)
YUV	213.8680, 3.5161, -7.7772
Hunter-Lab	82.3561, -7.4875, 1.3689

# Details

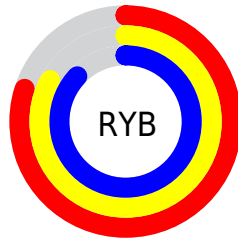
The Android color `4291680733` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `4292727245`, and the grayscale version is `4292269782`.

A 20% lighter version of the original color is `4294967295`, and `4288127654` is the 20% darker color. If you saturate the color by 10%, you get `4290237405`, and if you desaturate by 10%, it is `4293124061`.

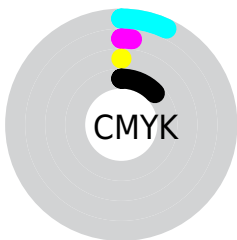
# Distribution



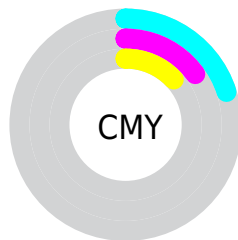
- Red (80%)
- Green (85%)
- Blue (87%)



- Red (80%)
- Yellow (83%)
- Blue (87%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)



- Cyan (20%)
- Magenta (15%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291680733 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 4291680733 by changing the saturation by 10% instead.



■ 4291680733

4294967295

■ 4291680733

■ 4289904065

■ 4288127654

■ 4286417036

■ 4284772210

■ 4283192922

■ 4281679682

■ 4280297772

■ 4278785304

■ 4278190080

4291680733

4291680733

4290237405

4293124061

4288794333

4294567133

4287351005

4294961885

4285907933

4294963165

4284399069

4294964701

4282955997

4294965981

4281512669

4294967261

4280069597

4278626269

# Harmonies

## Analogous

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



4291615449



4291680733



4291877087

# Triad

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



4291680733



4292859097



4292401102

# Complementary

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



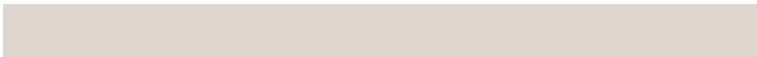
4291680733



4292727245

# 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.



4292728526



4291680733



4292990165

# Square

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



4291680733



4292597213



4292924881



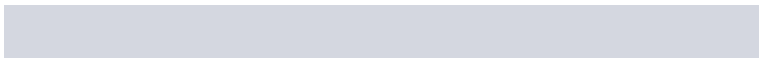
4292073937

# Rectangle

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



4291680733



4292138976



4292924881



4292532174



# Sweetspot

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



4291680733



4294639359



4291681745



4286414720



4278190080



4286611584

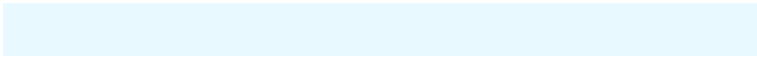


# Same Dimension

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



4291680733



4293458431



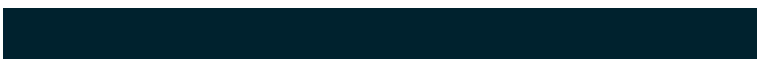
4291678685



4284705646



4278223533



4278198830



# Inverse Universe

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



4292726233



4294961401



4292729293



4285424491



4289527938

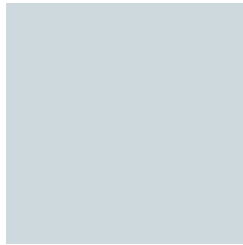


4281204770



# Previews

## White Background



This preview shows how the Android color 4291680733 looks on a white background.

## Color Contrast Check

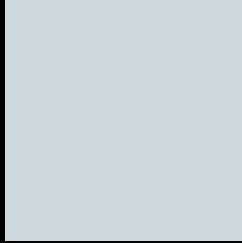
Large Text (above 18pt) WCAG AA × Fail

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 4291680733 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

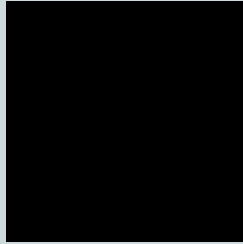
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

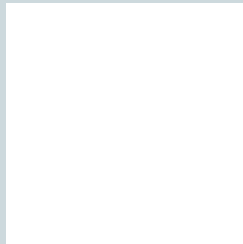
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4291680733 Background



This preview shows how black text looks on a background with the Android color 4291680733.

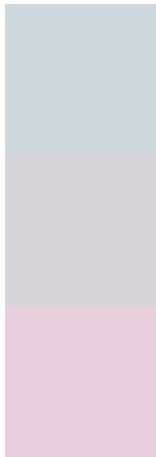


This preview shows how white text looks on a background with the Android color 4291680733.

# 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**  
4291680733

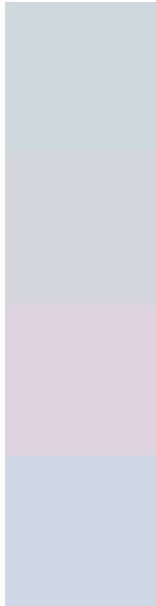
**Protanopia**  
4292466395

**Deuteranopia**  
4293447903



**Tritanopia**  
4291811304

# Trichromacy



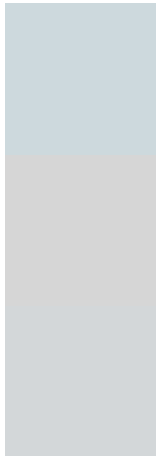
**Original Color**  
4291680733

**Protanomaly**  
4292204508

**Deuteranomaly**  
4292793310

**Tritanomaly**  
4291746020

# Monochromacy



**Original Color**  
4291680733

**Achromatopsia**  
4292269782

**Achromatomaly**  
4292073433

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291680733 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, 217, 221)` looks like.

```
.text, #text, p{  
    color:rgb(205, 217, 221)  
}
```

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, 217, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 217, 221) }
```

## Border

The CSS property to change the border of an element to Android 4291680733 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, 217, 221) }
```

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

```
.border{ border-color:rgb(205, 217, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 217, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 217, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 217, 221);  
box-shadow:4px 4px 4px 4px rgb(205, 217,  
221) }
```

# Background

The CSS property to change the background color of an element to Android 4291680733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 217, 221) }
```

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

```
.background{ background-color: rgb(205,  
217, 221) }
```

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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