

# Converting Colors

Android(4291677654)

Have a look what the booklet for  
Android(4291677654) contains.

<b>Android(4291677654)</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(4291677654)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CDCDD6
RGB	205, 205, 214
RGB Percent	80%, 80%, 84%
CMY	0.1961, 0.1961, 0.1608
CMYK	0.04, 0.04, 0.00, 0.16
HSL	240°, 10%, 82%
HSV	240°, 4%, 84%
XYZ	59.1458, 61.4968, 72.3711
YIQ	206.0260, -2.8890, 2.7990

# Conversions

## Conversions Part 2

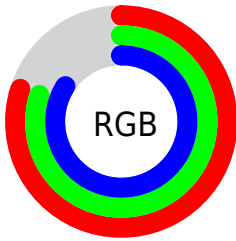
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	205, 205, 214
Decimal	13487574
CIE Lab	82.65, 1.68, -4.46
CIE LCh	83, 4.769, 290.606
Yxy	61.4968, 0.3064, 0.3186
Android (android.graphics.Color)	4291677654 (0xFFCDD6)
YUV	206.0260, 3.9312, -0.8998
Hunter-Lab	78.4199, -2.6068, 0.1772

# Details

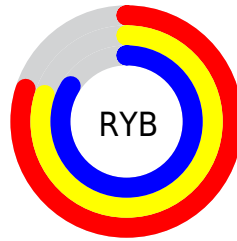
The Android color `4291677654` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `4292269773`, and the grayscale version is `4291743438`.

A 20% lighter version of the original color is `4294967295`, and `4288124831` is the 20% darker color. If you saturate the color by 10%, you get `4290296022`, and if you desaturate by 10%, it is `4293059286`.

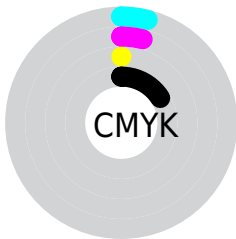
# Distribution



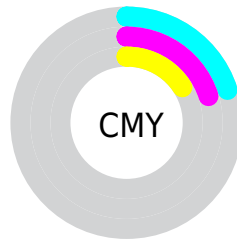
- Red (80%)
- Green (80%)
- Blue (84%)



- Red (80%)
- Yellow (80%)
- Blue (84%)



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (20%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291677654 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 4291677654 by changing the saturation by 10% instead.



■ 4291677654

■ 4291677654

4294967295

■ 4289901242

■ 4288124831

■ 4286414213

■ 4284769388

■ 4283190356


■ 4281677373

■ 4280295463

■ 4278782226

■ 4278190080

 4291677654

 4291677654

 4290296022

 4293059286

 4288848598

 4294506710


 4287466966

 4294967254

 4286019542

 4284637910

 4283256278

 4281808854

 4280427222

 4278979798

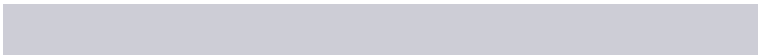
# Harmonies

## Analogous

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



4291350230



4291677654



4292005075

# Triad

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



4291677654



4292332743



4291154124

# Complementary

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



4291677654



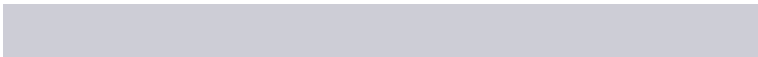
4292269773

# 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.



4291416264



4291677654



4292070853

# Square

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



4291677654



4292398027



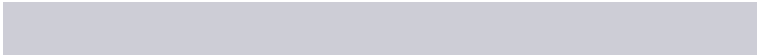
4291743429



4291023057

# Rectangle

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



4291677654



4292201425



4291743429



4291219659



# Sweetspot

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



4291677654



4294769919



4291679958



4286480000



4278190080



4286611584



# Same Dimension

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



4291677654



4294111999



4292005334



4284835179



4278190251



4278190123



# Inverse Universe

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



4292267478



4294963967



4292007629



4285228395



4289396907

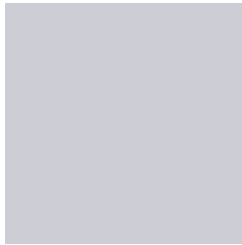


4281008171



# Previews

## White Background



This preview shows how the Android color 4291677654 looks on a white background.

## Color Contrast Check

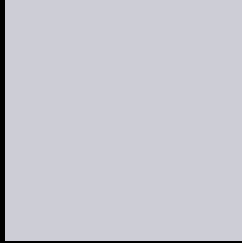
Large Text (above 18pt) WCAG AA × Fail

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 4291677654 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

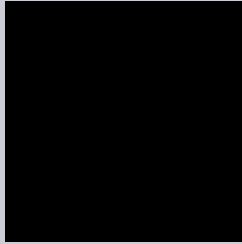
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

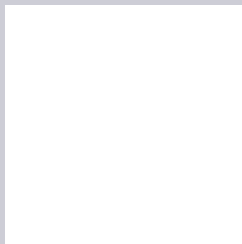
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4291677654 Background



This preview shows how black text looks on a background with the Android color 4291677654.

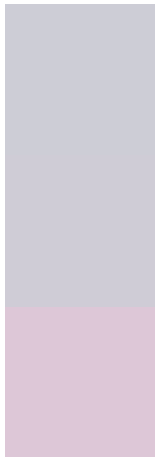


This preview shows how white text looks on a background with the Android color 4291677654.

# 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](#).

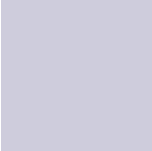
## Dichromacy



**Original Color**  
4291677654

**Protanopia**  
4291808470

**Deuteranopia**  
4292724695



**Tritanopia**  
4291742940

# Trichromacy



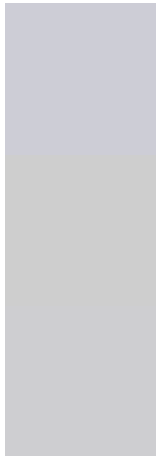
**Original Color**  
4291677654

**Protanomaly**  
4291742934

**Deuteranomaly**  
4292331991

**Tritanomaly**  
4291742938

# Monochromacy



**Original Color**  
4291677654

**Achromatopsia**  
4291743438

**Achromatomaly**  
4291743441

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291677654 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(205, 205, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 205, 214) }
```

## Border

The CSS property to change the border of an element to Android 4291677654 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, 214) }
```

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

```
.border{ border-color:rgb(205, 205, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 205, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 205, 214);  
box-shadow:4px 4px 4px 4px rgb(205, 205,  
214) }
```

# Background

The CSS property to change the background color of an element to Android 4291677654 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, 214) }
```

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

```
.background{ background-color: rgb(205,  
205, 214) }
```

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