

# Converting Colors

Android(4284179852)

Have a look what the booklet for  
Android(4284179852) contains.

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# Color

**Android(4284179852)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B658C
RGB	91, 101, 140
RGB Percent	36%, 40%, 55%
CMY	0.6431, 0.6039, 0.4510
CMYK	0.35, 0.28, 0.00, 0.45
HSL	228°, 21%, 45%
HSV	228°, 35%, 55%
XYZ	13.7017, 13.4250, 26.6801
YIQ	102.4560, -18.4790, 10.0090

# Conversions

## Conversions Part 2

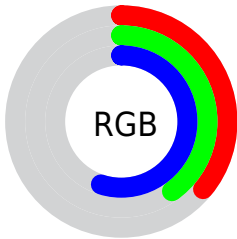
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 99, 140
Decimal	5989772
CIE <sub>Lab</sub>	43.40, 6.15, -22.74
CIE <sub>LCh</sub>	43, 23.561, 285.129
Yxy	13.4250, 0.2546, 0.2495
Android (android.graphics.Color)	4284179852 (0xFF5B658C)
YUV	102.4560, 18.5092, -10.0469
Hunter-Lab	36.6401, 2.6306, -17.5249

# Details

The Android color `4284179852` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4287398491`, and the grayscale version is `4284900966`.

A 20% lighter version of the original color is `4287600834`, and `4280956762` is the 20% darker color. If you saturate the color by 10%, you get `4283259532`, and if you desaturate by 10%, it is `4285100172`.

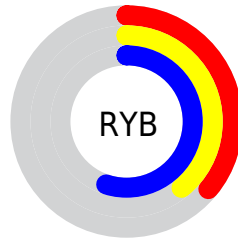
# Distribution



 Red (36%)

 Green (40%)

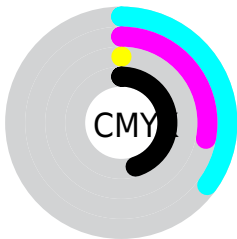
 Blue (55%)




 Red (36%)

 Yellow (39%)

 Blue (55%)

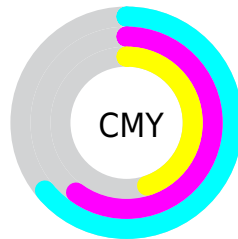



 Cyan (35%)


 Magenta (28%)

 Yellow (0%)

 Black (45%)



 Cyan (64%)

 Magenta (60%)

 Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284179852 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 4284179852 by changing the saturation by 10% instead.



■ 4284179852

■ 4284179852

4294967295

■ 4282535282

■ 4287600834

■ 4280956762

■ 4289311454

■ 4279378242

■ 4291153658

■ 4278192684

■ 4292995839

■ 4278190359

4294901759

■ 4278190080

■ 4284179852

■ 4284179852

■ 4283259532

■ 4285100172

■ 4282339212

■ 4286020492

■ 4281418892

■ 4286940812

■ 4280498316

■ 4287861388

■ 4279577996

■ 4288781708

■ 4278657676

■ 4289702028

■ 4278197644

■ 4290622348

■ 4291542668

■ 4292462988

# Harmonies

## Analogous

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



4282149772



4284179852



4285881986

# Triad

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



4284179852



4287192140



4282151004

# Complementary

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



4284179852



4287398491

# 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.



4283723082



4284179852



4286341697

# Square

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



4284179852



4287453277



4285163584



4280709488

# Rectangle

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



4284179852



4286732919



4285163584



4282675285



# Sweetspot

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



4284179852



4288783797



4284189825



4283454044



4292598747



4284243036



# Same Dimension

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



4284179852



4285102517



4285094796



4282269509



4278197125



4278190341



# Inverse Universe

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



4287388517



4290079097



4286483547



4282727999



4286906395



4278517761



# Previews

## White Background



This preview shows how the Android color 4284179852 looks on a white background.

## Color Contrast Check

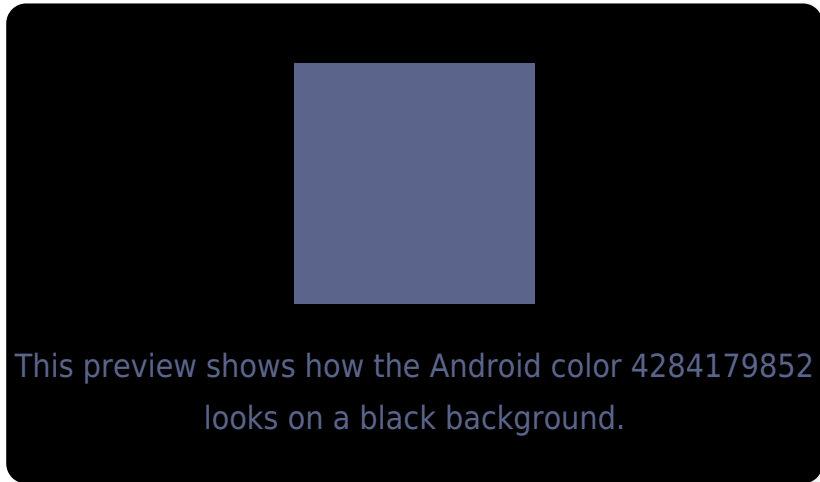
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

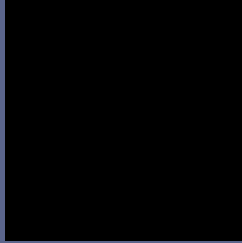
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

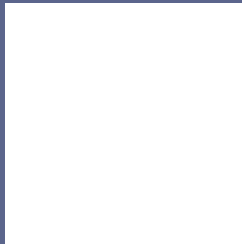
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4284179852 Background



This preview shows how black text looks on a background with the Android color 4284179852.



This preview shows how white text looks on a background with the Android color 4284179852.

# 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**  
4284179852

**Protanopia**  
4284179852

**Deuteranopia**  
4284179852



# Trichromacy



**Original Color**  
4284179852

**Protanomaly**  
4284179852

**Deuteranomaly**  
4284179852

**Tritanomaly**  
4283918459

# Monochromacy



**Original Color**  
4284179852

**Achromatopsia**  
4284900966

**Achromatomaly**  
4284638836

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284179852 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(91, 101, 140)` looks like.

```
.text, #text, p{  
    color:rgb(91, 101, 140)  
}
```

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(91, 101, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 101, 140) }
```

## Border

The CSS property to change the border of an element to Android 4284179852 is called "border". The border property can be set on classes, ids or directly on the HTML element.

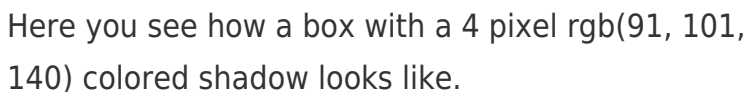
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 101, 140) }
```

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

```
.border{ border-color:rgb(91, 101, 140) }
```

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



Here you see how a box with a 4 pixel `rgb(91, 101, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(91, 101, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(91, 101, 140); box-shadow:4px 4px 4px 4px rgb(91, 101, 140) }
```

# Background

The CSS property to change the background color of an element to Android 4284179852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 101, 140) }
```

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

```
.background{ background-color: rgb(91, 101,  
140) }
```

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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