

# Converting Colors

Android(4283989684)

Have a look what the booklet for  
Android(4283989684) contains.

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# Color

**Android(4283989684)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	587EB4
RGB	88, 126, 180
RGB Percent	35%, 49%, 71%
CMY	0.6549, 0.5059, 0.2941
CMYK	0.51, 0.30, 0.00, 0.29
HSL	215°, 38%, 53%
HSV	215°, 51%, 71%
XYZ	19.7236, 20.2917, 46.0572
YIQ	120.7940, -39.9820, 8.7380

# Conversions

## Conversions Part 2

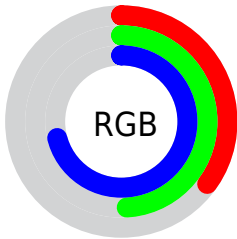
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 115, 180
Decimal	5799604
CIE <sub>Lab</sub>	52.17, 2.20, -32.61
CIE <sub>LCh</sub>	52, 32.681, 273.864
Yxy	20.2917, 0.2292, 0.2358
Android (android.graphics.Color)	4283989684 (0xFF587EB4)
YUV	120.7940, 29.1886, -28.7603
Hunter-Lab	45.0463, -0.6746, -29.0881

# Details

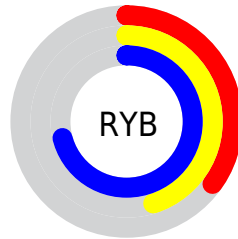
The Android color `4283989684` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4290023000`, and the grayscale version is `4286151033`.

A 20% lighter version of the original color is `4287607532`, and `4280110463` is the 20% darker color. If you saturate the color by 10%, you get `4282807220`, and if you desaturate by 10%, it is `4285172148`.

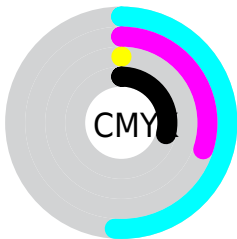
# Distribution



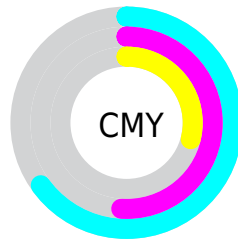
- Red (35%)
- Green (49%)
- Blue (71%)



- Red (35%)
- Yellow (45%)
- Blue (71%)



- Cyan (51%)
- Magenta (30%)
- Yellow (0%)
- Black (29%)



- Cyan (65%)
- Magenta (51%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283989684 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 4283989684 by changing the saturation by 10% instead.



■ 4283989684

■ 4283989684

4294967295

■ 4282148249

■ 4287607532

■ 4280110463

■ 4289449727

■ 4278204262

■ 4291291903

■ 4278198861

■ 4293197823

■ 4278192950

■ 4278190624

■ 4278190085

■ 4278190080

■ 4283989684

■ 4283989684

■ 4282807220

■ 4285172148

■ 4281625012

■ 4286354356

■ 4280442548

■ 4287536820

■ 4279260340

■ 4288719028

■ 4278209204

■ 4289901492

■ 4291083700

■ 4292266164

■ 4293448628

■ 4294630836

# Harmonies

## Analogous

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



4279994030



4283989684



4286870699

# Triad

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



4283989684



4289751391



4283140451

# Complementary

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



4283989684



4290023000

# 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.



4285367373



4283989684



4288836171

# Square

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



4283989684



4289816186



4287331396



4279995263

# Rectangle

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



4283989684



4288310686



4287331396



4283926618



# Sweetspot

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



4283989684



4291286763



4284003470



4284508533



4294309365



4285887861



# Same Dimension

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



4283989684



4284192747



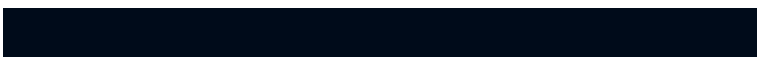
4284504244



4283454553



4278206361



4278192922



# Inverse Universe

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



4290009214



4293614487



4289508440



4284043348



4288217151



4279894027



# Previews

## White Background



This preview shows how the Android color 4283989684 looks on a white background.

## Color Contrast Check

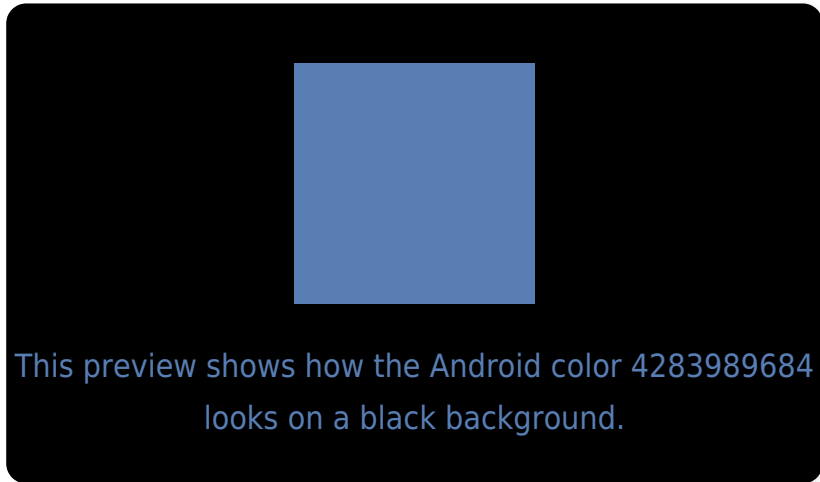
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# 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 × Fail

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



# Android 4283989684 Background



This preview shows how black text looks on a background with the Android color 4283989684.

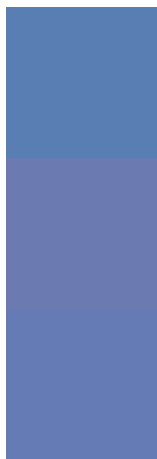


This preview shows how white text looks on a background with the Android color 4283989684.

# 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**  
4283989684

**Protanopia**  
4285233841

**Deuteranopia**  
4284840885



# Trichromacy



**Original Color**  
4283989684

**Protanomaly**  
4284775346

**Deuteranomaly**  
4284513461

**Tritanomaly**  
4283466397

# Monochromacy



**Original Color**  
4283989684

**Achromatopsia**  
4286151033

**Achromatomaly**  
4285365134

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283989684 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(88, 126, 180)` looks like.

```
.text, #text, p{  
    color:rgb(88, 126, 180)  
}
```

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(88, 126, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 126, 180) }
```

## Border

The CSS property to change the border of an element to Android 4283989684 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(88, 126, 180) }
```

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

```
.border{ border-color:rgb(88, 126, 180) }
```

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

Here you see how a box with a 4 pixel rgb(88, 126, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 126, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 126, 180);  
box-shadow:4px 4px 4px 4px rgb(88, 126,  
180) }
```

# Background

The CSS property to change the background color of an element to Android 4283989684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 126, 180) }
```

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

```
.background{ background-color: rgb(88, 126,  
180) }
```

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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