

# Converting Colors

Android(4283598249)

Have a look what the booklet for  
Android(4283598249) contains.

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# Color

**Android(4283598249)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5285A9
RGB	82, 133, 169
RGB Percent	32%, 52%, 66%
CMY	0.6784, 0.4784, 0.3373
CMYK	0.51, 0.21, 0.00, 0.34
HSL	205°, 35%, 49%
HSV	205°, 51%, 66%
XYZ	19.0286, 21.4335, 40.6703
YIQ	121.8550, -41.9520, 0.3840

# Conversions

## Conversions Part 2

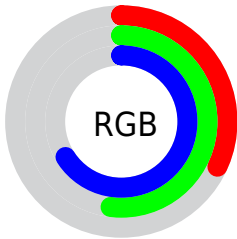
<b>Format</b>	<b>Color</b>
<b>RYB</b>	82, 114, 169
Decimal	5408169
CIELab	53.42, -6.73, -24.34
CIELCh	53, 25.257, 254.554
Yxy	21.4335, 0.2345, 0.2642
Android (android.graphics.Color)	4283598249 (0xFF5285A9)
YUV	121.8550, 23.2425, -34.9528
Hunter-Lab	46.2963, -7.6517, -19.6776

# Details

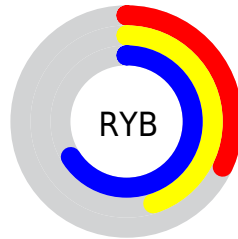
The Android color `4283598249` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `4289295954`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4287150816`, and `4279653493` is the 20% darker color. If you saturate the color by 10%, you get `4282482345`, and if you desaturate by 10%, it is `4284714153`.

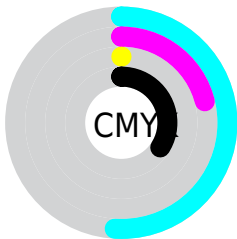
# Distribution



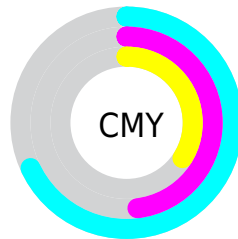
- Red (32%)
- Green (52%)
- Blue (66%)



- Red (32%)
- Yellow (45%)
- Blue (66%)



- Cyan (51%)
- Magenta (21%)
- Yellow (0%)
- Black (34%)



- Cyan (68%)
- Magenta (48%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283598249 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 4283598249 by changing the saturation by 10% instead.





4283598249



4283598249

4294967295



4281756814



4287150816



4279653493



4288993021



4278205788



4290835199



4278200132



4292739071



4278194990



4294705151



4278190361



4278190080



4283598249



4283598249



4282482345



4284714153

■ 4281366441

■ 4285830057

■ 4280250537

■ 4286945961

■ 4279134633

■ 4288061865

■ 4278215593

■ 4289112233

■ 4290228137

■ 4291344041

■ 4292459945

■ 4293575849

# Harmonies

## Analogous

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



4282026653



4283598249



4285759145

# Triad

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



4283598249



4289425270



4285302624

# Complementary

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



4283598249



4289295954

# 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.



4286874197



4283598249



4289164130

# Square

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



4283598249



4288901516



4288248406



4283599731

# Rectangle

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



4283598249



4287068579



4288248406



4285826651



# Sweetspot

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



4283598249



4290432731



4283607413



4284114286



4293783021



4285427310



# Same Dimension

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



4283598249



4283671515



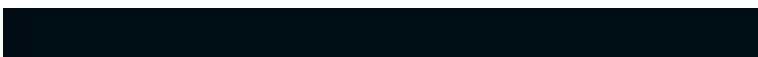
4283587497



4283191636



4278212500



4278193172



# Inverse Universe

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



4289286789



4292563875



4289306706



4283714641



4287889495



4279500812



# Previews

## White Background



This preview shows how the Android color 4283598249 looks on a white background.

## Color Contrast Check

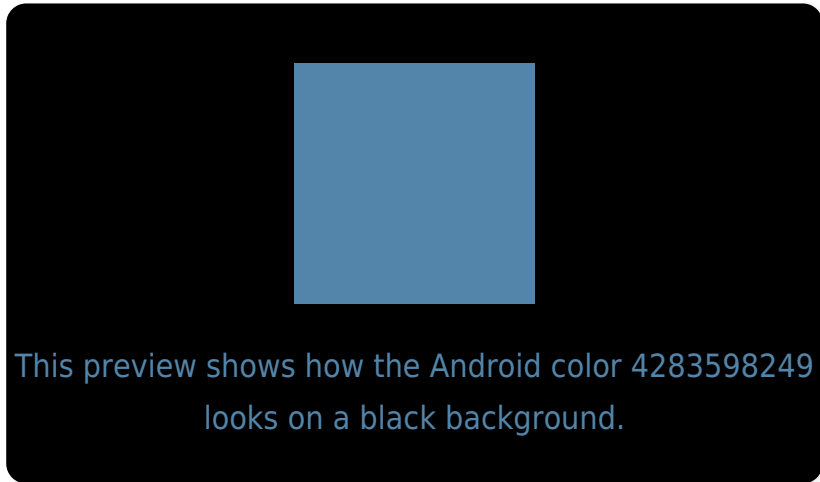
Large Text (above 18pt) WCAG AA ✓ Pass

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

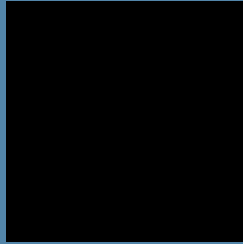
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4283598249 Background



This preview shows how black text looks on a background with the Android color 4283598249.



This preview shows how white text looks on a background with the Android color 4283598249.

# 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**

4283598249

**Protanopia**

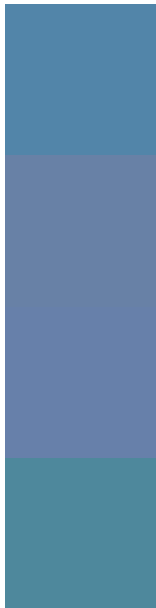
4285890212

**Deuteranopia**

4285758891



# Trichromacy



**Original Color**  
4283598249

**Protanomaly**  
4285039014

**Deuteranomaly**  
4284973226

**Tritanomaly**  
4283336860

# Monochromacy



**Original Color**  
4283598249

**Achromatopsia**  
4286216826

**Achromatomaly**  
4285234827

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283598249 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(82, 133, 169)` looks like.

```
.text, #text, p{  
    color:rgb(82, 133, 169)  
}
```

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(82, 133, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 133, 169) }
```

## Border

The CSS property to change the border of an element to Android 4283598249 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(82, 133, 169) }
```

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

```
.border{ border-color:rgb(82, 133, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 133, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 133, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 133, 169);  
box-shadow:4px 4px 4px 4px rgb(82, 133,  
169) }
```

# Background

The CSS property to change the background color of an element to Android 4283598249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 133, 169) }
```

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

```
.background{ background-color: rgb(82, 133,  
169) }
```

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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