

# Converting Colors

Android(4284973983)

Have a look what the booklet for  
Android(4284973983) contains.

<b>Android(4284973983)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4284973983)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	67839F
RGB	103, 131, 159
RGB Percent	40%, 51%, 62%
CMY	0.5961, 0.4863, 0.3765
CMYK	0.35, 0.18, 0.00, 0.38
HSL	210°, 23%, 51%
HSV	210°, 35%, 62%
XYZ	19.9678, 21.6194, 35.9214
YIQ	125.8200, -25.6760, 2.7720

# Conversions

## Conversions Part 2

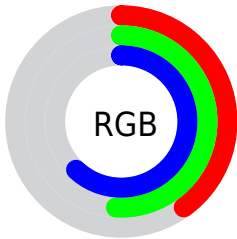
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 122, 159
Decimal	6783903
CIE <sub>Lab</sub>	53.62, -2.85, -18.16
CIE <sub>LCh</sub>	54, 18.383, 261.068
Yxy	21.6194, 0.2576, 0.2789
Android (android.graphics.Color)	4284973983 (0xFF67839F)
YUV	125.8200, 16.3577, -20.0131
Hunter-Lab	46.4966, -4.7129, -13.2574

# Details

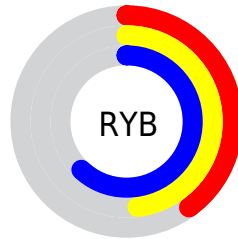
The Android color `4284973983` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `4288643943`, and the grayscale version is `4286479998`.

A 20% lighter version of the original color is `4288461014`, and `4281684588` is the 20% darker color. If you saturate the color by 10%, you get `4283923359`, and if you desaturate by 10%, it is `4286024607`.

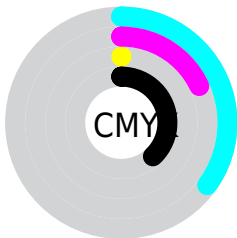
# Distribution



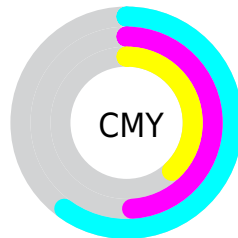
- Red (40%)
- Green (51%)
- Blue (62%)



- Red (40%)
- Yellow (48%)
- Blue (62%)



- Cyan (35%)
- Magenta (18%)
- Yellow (0%)
- Black (38%)



- Cyan (60%)
- Magenta (49%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284973983 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 4284973983 by changing the saturation by 10% instead.





4284973983



4284973983

4294967295



4283329157



4288461014



4281684588



4290237682



4280040275



4292079871



4278199612



4293984255



4278194214



4278190352



4278190080



4284973983



4284973983



4283923359



4286024607

■ 4282872735

■ 4287075231

■ 4281822111

■ 4288125855

■ 4280771487

■ 4289176479

■ 4279720863

■ 4290227103

■ 4278735775

■ 4291212191

■ 4278210719

■ 4292262815

■ 4293313439

■ 4294364063

# Harmonies

## Analogous

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



4283926424



4284973983



4286348958

# Triad

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



4284973983



4288771445



4285433708

# Complementary

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



4284973983



4288643943

# 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.



4286612322



4284973983



4288444520

# Square

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



4284973983



4288509318



4287659361



4284320123

# Rectangle

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



4284973983



4287265432



4287659361



4285826408



# Sweetspot

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



4284973983



4290298831



4284981123



4284179049



4293454056



4285098345



# Same Dimension

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



4284973983



4286096335



4284966815



4282862415



4278208399



4278192143



# Inverse Universe

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



4288636803



4291786915



4288651111



4283385675



4287561799



4279173128



# Previews

## White Background



This preview shows how the Android color 4284973983 looks on a white background.

## Color Contrast Check

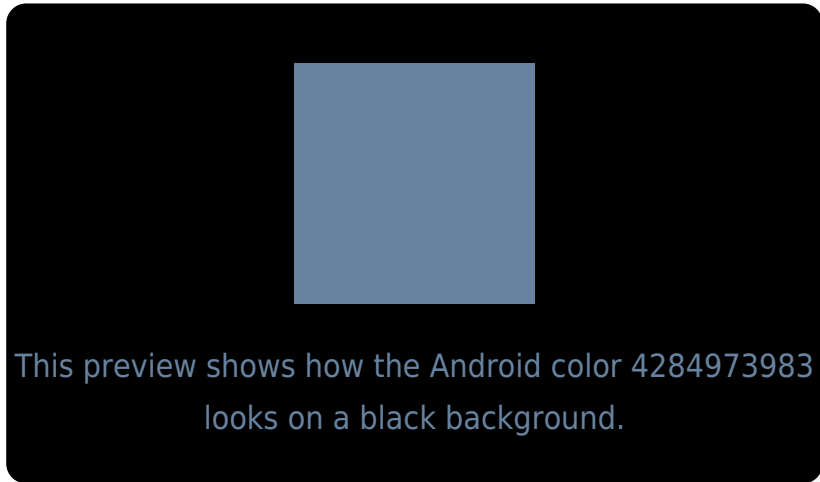
Large Text (above 18pt) WCAG AA ✓ Pass

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

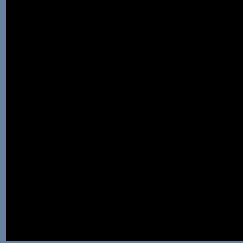
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

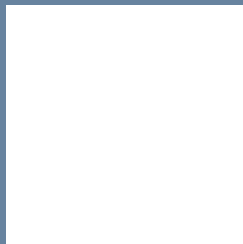
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4284973983 Background



This preview shows how black text looks on a background with the Android color 4284973983.

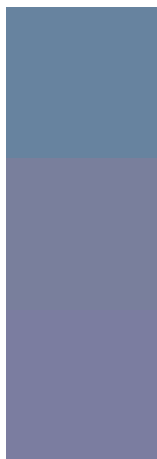


This preview shows how white text looks on a background with the Android color 4284973983.

# 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**

4284973983

**Protanopia**

4286152604

**Deuteranopia**

4286283168



# Trichromacy



**Original Color**  
4284973983

**Protanomaly**  
4285694109

**Deuteranomaly**  
4285824928

**Tritanomaly**  
4284777877

# Monochromacy



**Original Color**  
4284973983

**Achromatopsia**  
4286479998

**Achromatomaly**  
4285956234

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284973983 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(103, 131, 159)` looks like.

```
.text, #text, p{  
    color:rgb(103, 131, 159)  
}
```

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(103, 131, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 131, 159) }
```

## Border

The CSS property to change the border of an element to Android 4284973983 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(103, 131, 159) }
```

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

```
.border{ border-color:rgb(103, 131, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 131, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 131, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 131, 159);  
box-shadow:4px 4px 4px 4px rgb(103, 131,  
159) }
```

# Background

The CSS property to change the background color of an element to Android 4284973983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 131, 159) }
```

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

```
.background{ background-color: rgb(103,  
131, 159) }
```

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