

# Converting Colors

Android(4284839351)

Have a look what the booklet for  
Android(4284839351) contains.

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# Color

**Android(4284839351)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6575B7
RGB	101, 117, 183
RGB Percent	40%, 46%, 72%
CMY	0.6039, 0.5412, 0.2824
CMYK	0.45, 0.36, 0.00, 0.28
HSL	228°, 36%, 56%
HSV	228°, 45%, 72%
XYZ	20.2754, 18.9082, 47.3808
YIQ	119.7400, -30.7220, 17.1340

# Conversions

## Conversions Part 2

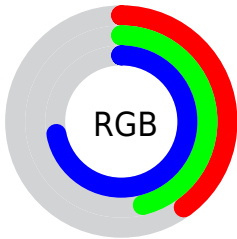
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 114, 183
Decimal	6649271
CIE <sub>Lab</sub>	50.58, 11.77, -36.77
CIE <sub>LCh</sub>	51, 38.604, 287.756
Yxy	18.9082, 0.2342, 0.2184
Android (android.graphics.Color)	4284839351 (0xFF6575B7)
YUV	119.7400, 31.1872, -16.4350
Hunter-Lab	43.4835, 7.1342, -34.1654

# Details

The Android color `4284839351` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4290226021`, and the grayscale version is `4286019447`.

A 20% lighter version of the original color is `4288391663`, and `4281288066` is the 20% darker color. If you saturate the color by 10%, you get `4283655863`, and if you desaturate by 10%, it is `4286022839`.

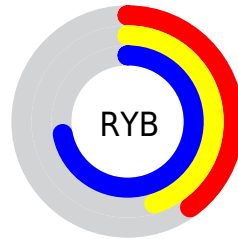
# Distribution



Red (40%)

Green (46%)

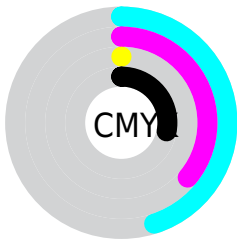
Blue (72%)



Red (40%)

Yellow (45%)

Blue (72%)

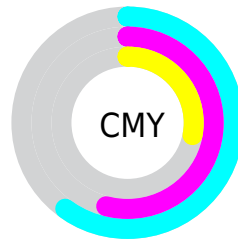


Cyan (45%)

Magenta (36%)

Yellow (0%)

Black (28%)



Cyan (60%)

Magenta (54%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284839351 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 4284839351 by changing the saturation by 10% instead.





4284839351



4284839351

4294967295



4283063708



4288391663



4281288066



4290233599



4279054184



4292141311



4278197072



4294049279



4278190136



4278190626



4278190088



4278190080



4284839351



4284839351

■ 4283655863

■ 4286022839

■ 4282407095

■ 4287271607

■ 4281223607

■ 4288455095

■ 4280040119

■ 4289638583

■ 4278791095

■ 4290887607

■ 4278199479

■ 4292070839

■ 4293254327

■ 4294437815

■ 4294965943

# Harmonies

## Analogous

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



4278747320



4284839351



4287916197

# Triad

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



4284839351



4289619529



4279732329

# Complementary

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



4284839351



4290226021

# 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.



4283663435



4284839351



4288180791

# Square

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



4284839351



4290207334



4286151991



4278225291

# Rectangle

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



4284839351



4289225106



4286151991



4281501534



# Sweetspot

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



4284839351



4291745005



4284856231



4284835960



4294440951



4286085240



# Same Dimension

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



4284839351



4285368045



4286473655



4283651164



4278197916



4278191388



# Inverse Universe

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



4290209141



4293750150



4288591717



4284240724



4288413726

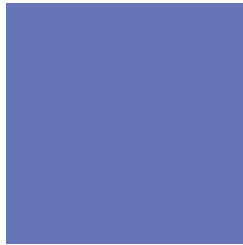


4280025093



# Previews

## White Background



This preview shows how the Android color 4284839351 looks on a white background.

## Color Contrast Check

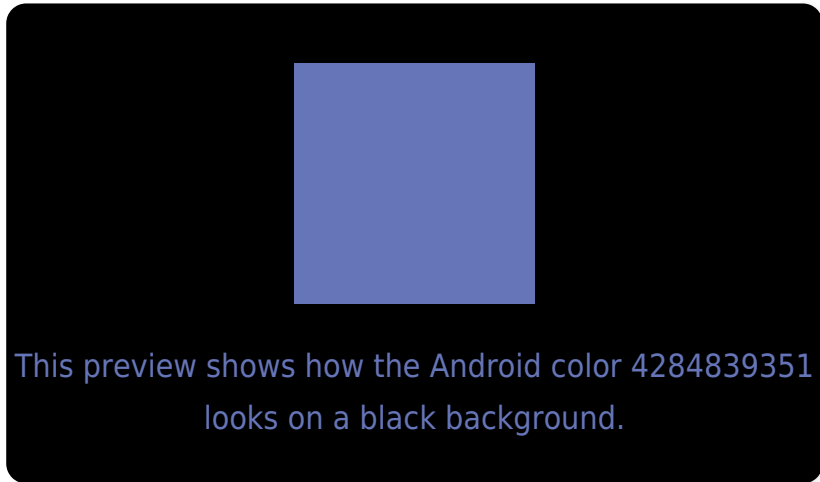
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284839351 Background



This preview shows how black text looks on a background with the Android color 4284839351.

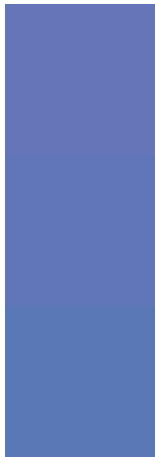


This preview shows how white text looks on a background with the Android color 4284839351.

# 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



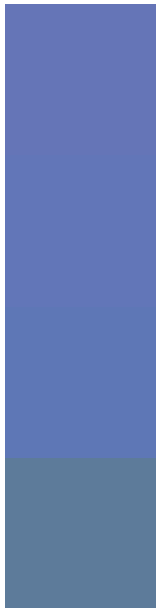
**Original Color**  
4284839351

**Protanopia**  
4284577464

**Deuteranopia**  
4284119222



# Trichromacy



**Original Color**  
4284839351

**Protanomaly**  
4284643000

**Deuteranomaly**  
4284381110

**Tritanomaly**  
4284316570

# Monochromacy



**Original Color**  
4284839351

**Achromatopsia**  
4286085240

**Achromatomaly**  
4285626255

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284839351 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(101, 117, 183)` looks like.

```
.text, #text, p{  
    color:rgb(101, 117, 183)  
}
```

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(101, 117, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 117, 183) }
```

## Border

The CSS property to change the border of an element to Android 4284839351 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(101, 117, 183) }
```

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

```
.border{ border-color:rgb(101, 117, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 117, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 117, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 117, 183);  
box-shadow:4px 4px 4px 4px rgb(101, 117,  
183) }
```

# Background

The CSS property to change the background color of an element to Android 4284839351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 117, 183) }
```

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

```
.background{ background-color: rgb(101,  
117, 183) }
```

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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