

# Converting Colors

Android(4284827840)

Have a look what the booklet for  
Android(4284827840) contains.

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# Color

**Android(4284827840)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6548C0
RGB	101, 72, 192
RGB Percent	40%, 28%, 75%
CMY	0.6039, 0.7176, 0.2471
CMYK	0.47, 0.62, 0.00, 0.25
HSL	254°, 49%, 52%
HSV	254°, 62%, 75%
XYZ	17.1986, 11.2072, 51.1259
YIQ	94.3510, -21.2360, 43.4680

# Conversions

## Conversions Part 2

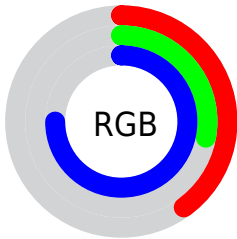
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 72, 192
Decimal	6637760
CIE <sub>Lab</sub>	39.93, 41.74, -59.02
CIE <sub>LCh</sub>	40, 72.291, 305.267
Yxy	11.2072, 0.2162, 0.1409
Android (android.graphics.Color)	4284827840 (0xFF6548C0)
YUV	94.3510, 48.1410, 5.8312
Hunter-Lab	33.4772, 33.1179, -67.1130

# Details

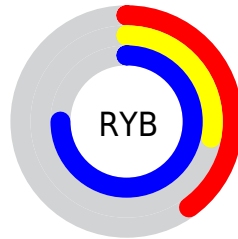
The Android color **4284827840** is a dark color, and the websafe version is hex **663399**. The color can be described as dark muted purple. A complement of this color would be **4288921672**, and the grayscale version is **4284374622**.

A 20% lighter version of the original color is **4288576249**, and **4280818057** is the 20% darker color. If you saturate the color by 10%, you get **4283839936**, and if you desaturate by 10%, it is **4285815744**.

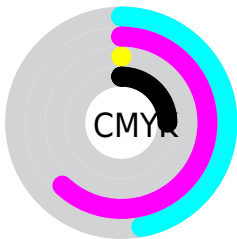
# Distribution



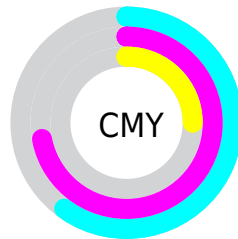
- Red (40%)
- Green (28%)
- Blue (75%)



- Red (40%)
- Yellow (28%)
- Blue (75%)



- Cyan (47%)
- Magenta (62%)
- Yellow (0%)
- Black (25%)



- Cyan (60%)
- Magenta (72%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284827840 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 4284827840 by changing the saturation by 10% instead.



 4284827840

 4284827840

4294967295

 4282921124

 4288576249

 4280818057

 4290483455

 4278190703

 4292390911

 4278190166

 4294364159


 4278191678

 4294961151

 4278190887

 4278190352

 4278190080

 4284827840

 4284827840

■ 4283839936

■ 4285815744

■ 4282917568

■ 4286738112

■ 4281929408

■ 4287726272

■ 4281204928

■ 4288648640

■ 4289636544

■ 4290558912

■ 4291546816

■ 4292469440

■ 4293457344

# Harmonies

## Analogous

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



4278215638



4284827840



4289337489

# Triad

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



4284827840



4288235264



4278220391

# Complementary

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



4284827840



4288921672

# 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.



4278219560



4284827840



4285161216

# Square

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



4284827840



4290321693



4280708352



4278220450

# Rectangle

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



4284827840



4290576490



4280708352



4278220115



# Sweetspot

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



4284827840



4292266746



4282950848



4284964989



4294769916



4286414205



# Same Dimension

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



4284827840



4285284090



4288694464



4284110689



4280746145



4278714401



# Inverse Universe

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



4290791587



4294590157



4285055048



4284569439



4288741498

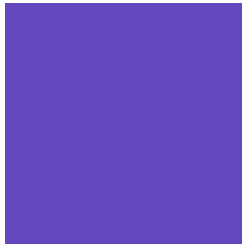


4280352793



# Previews

## White Background



This preview shows how the Android color 4284827840 looks on a white background.

## Color Contrast Check

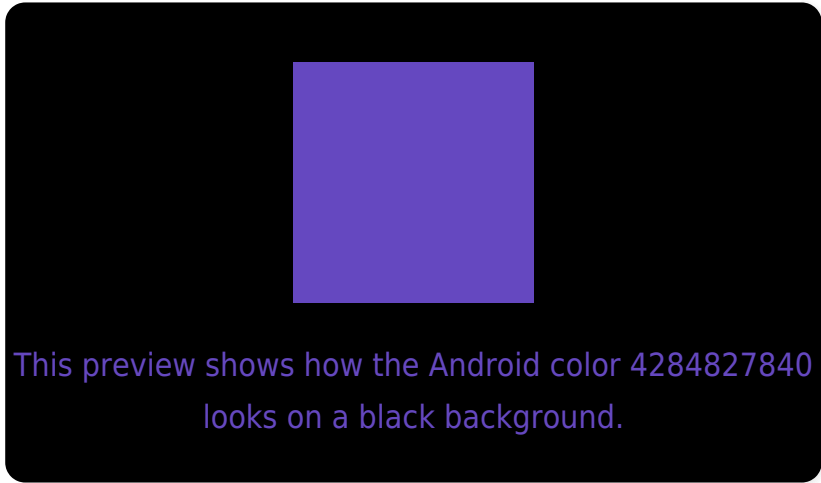
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284827840 Background



This preview shows how black text looks on a background with the Android color 4284827840.

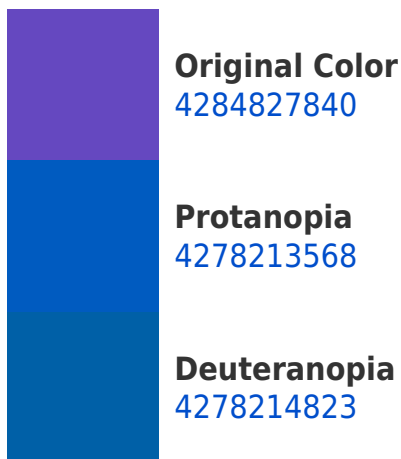


This preview shows how white text looks on a background with the Android color 4284827840.

# 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





# Trichromacy



**Original Color**  
4284827840

**Protanomaly**  
4280636608

**Deuteranomaly**  
4280637360

**Tritanomaly**  
4283848841

# Monochromacy



**Original Color**  
4284827840

**Achromatopsia**  
4284374622

**Achromatomaly**  
4284569218

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284827840 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, 72, 192)` looks like.

```
.text, #text, p{  
    color:rgb(101, 72, 192)  
}
```

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, 72, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 72, 192) }
```

## Border

The CSS property to change the border of an element to Android 4284827840 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, 72, 192) }
```

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

```
.border{ border-color:rgb(101, 72, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 72, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 72, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 72, 192);  
box-shadow:4px 4px 4px 4px rgb(101, 72,  
192) }
```

# Background

The CSS property to change the background color of an element to Android 4284827840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 72, 192) }
```

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

```
.background{ background-color: rgb(101, 72,  
192) }
```

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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