

# Converting Colors

Android(4285873019)

Have a look what the booklet for  
Android(4285873019) contains.

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# Color

**Android(4285873019)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	753B7B
RGB	117, 59, 123
RGB Percent	46%, 23%, 48%
CMY	0.5412, 0.7686, 0.5176
CMYK	0.05, 0.52, 0.00, 0.52
HSL	294°, 35%, 36%
HSV	294°, 52%, 48%
XYZ	12.4752, 8.3399, 19.6911
YIQ	83.6380, 14.0240, 32.2000

# Conversions

## Conversions Part 2

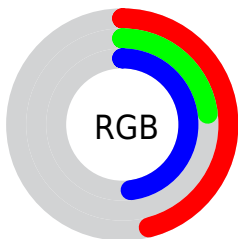
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 59, 123
Decimal	7682939
CIE <sub>Lab</sub>	34.68, 35.65, -25.72
CIE <sub>LCh</sub>	35, 43.959, 324.190
Yxy	8.3399, 0.3080, 0.2059
Android (android.graphics.Color)	4285873019 (0xFF753B7B)
YUV	83.6380, 19.4055, 29.2585
Hunter-Lab	28.8789, 26.5712, -20.2118

# Details

The Android color `4285873019` is a dark color, and the websafe version is hex `663366`. A complement of this color would be `4282481467`, and the grayscale version is `4283650899`.

A 20% lighter version of the original color is `4289424816`, and `4282517834` is the 20% darker color. If you saturate the color by 10%, you get `4285804411`, and if you desaturate by 10%, it is `4285941627`.

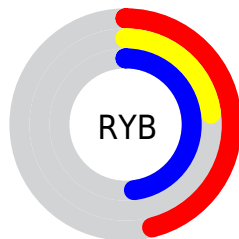
# Distribution



Red (46%)

Green (23%)

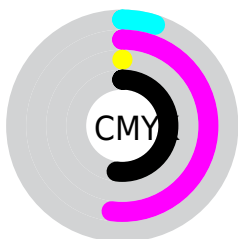
Blue (48%)



Red (46%)

Yellow (23%)

Blue (48%)

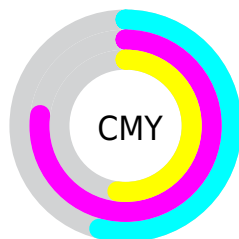


Cyan (5%)

Magenta (52%)

Yellow (0%)

Black (52%)



Cyan (54%)

Magenta (77%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285873019 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 4285873019 by changing the saturation by 10% instead.



 4285873019

 4285873019

4294967295

 4284162914

 4289424816

 4282517834

 4291200971

 4281008179

 4293108200

 4279107613

 4294950399

 4278190080

 4294957567

 4294964991

 4285873019

 4285873019

 4285804411

 4285941627

■ 4285735547

■ 4286010491

■ 4285666939

■ 4286079099

■ 4285532795

■ 4286213243

■ 4285464699

■ 4286282107

■ 4286350715

■ 4286419323

■ 4286487931

■ 4286556795

# Harmonies

## Analogous

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



4282665874



4285873019



4287377242

# Triad

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



4285873019



4285025792



4278215277

# Complementary

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



4285873019



4282481467

# 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.



4278214985



4285873019



4282865669

# Square

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



4285873019



4286660376



4279459366



4278214538

# Rectangle

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



4285873019



4287639362



4279459366



4278215266



# Sweetspot

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



4285873019



4288579489



4282073467



4283449938



4291940817



4283585106



# Same Dimension

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



4285873019



4288101793



4286266209



4282201917



4285595773



4293198076



# Inverse Universe

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



4286266177



4288757062



4282088277



4282201912



4286382092



4294705176



# Previews

## White Background



This preview shows how the Android color 4285873019 looks on a white background.

## Color Contrast Check

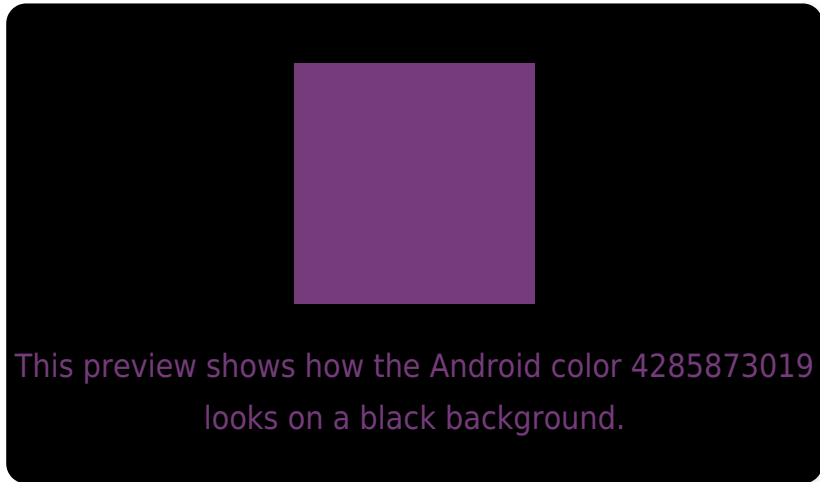
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4285873019 Background



This preview shows how black text looks on a background with the Android color 4285873019.



This preview shows how white text looks on a background with the Android color 4285873019.

# 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**  
4285873019

**Protanomaly**  
4283320455

**Deuteranomaly**  
4283779448

**Tritanomaly**  
4285612893

# Monochromacy



**Original Color**  
4285873019

**Achromatopsia**  
4283716692

**Achromatomaly**  
4284500834

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285873019 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(117, 59, 123)` looks like.

```
.text, #text, p{  
    color:rgb(117, 59, 123)  
}
```

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(117, 59, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 59, 123) }
```

## Border

The CSS property to change the border of an element to Android 4285873019 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(117, 59, 123) }
```

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

```
.border{ border-color:rgb(117, 59, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 59, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 59, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 59, 123);  
box-shadow:4px 4px 4px 4px rgb(117, 59,  
123) }
```

# Background

The CSS property to change the background color of an element to Android 4285873019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 59, 123) }
```

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

```
.background{ background-color: rgb(117, 59,  
123) }
```

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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