

# Converting Colors

Android(4285287803)

Have a look what the booklet for  
Android(4285287803) contains.

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# Color

**Android(4285287803)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C4D7B
RGB	108, 77, 123
RGB Percent	42%, 30%, 48%
CMY	0.5765, 0.6980, 0.5176
CMYK	0.12, 0.37, 0.00, 0.52
HSL	280°, 23%, 39%
HSV	280°, 37%, 48%
XYZ	12.4134, 9.9260, 20.0005
YIQ	91.5130, 3.7100, 20.8780

# Conversions

## Conversions Part 2

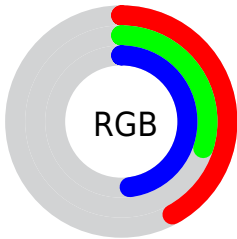
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 77, 123
Decimal	7097723
CIE <sub>Lab</sub>	37.71, 22.18, -21.09
CIE <sub>LCh</sub>	38, 30.602, 316.439
Yxy	9.9260, 0.2932, 0.2344
Android (android.graphics.Color)	4285287803 (0xFF6C4D7B)
YUV	91.5130, 15.5231, 14.4591
Hunter-Lab	31.5055, 15.1956, -15.5850

# Details

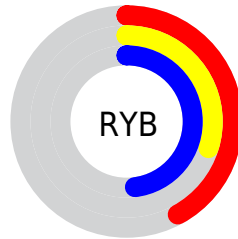
The Android color `4285287803` is a dark color, and the websafe version is hex `663366`. A complement of this color would be `4284250957`, and the grayscale version is `4284177243`.

A 20% lighter version of the original color is `4288708272`, and `4282064970` is the 20% darker color. If you saturate the color by 10%, you get `4285022587`, and if you desaturate by 10%, it is `4285553019`.

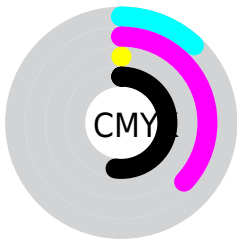
# Distribution



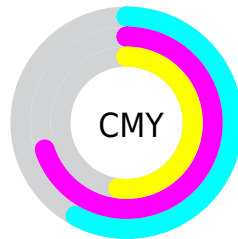
- Red (42%)
- Green (30%)
- Blue (48%)



- Red (42%)
- Yellow (30%)
- Blue (48%)



- Cyan (12%)
- Magenta (37%)
- Yellow (0%)
- Black (52%)



- Cyan (58%)
- Magenta (70%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285287803 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 4285287803 by changing the saturation by 10% instead.





4285287803



4285287803

4294967295



4283643490



4288708272



4282064970



4290484683



4280617523



4292326375



4278976542



4294234111



4278190080



4294962175



4285287803



4285287803



4285022587



4285553019



4284757115



4285818491

■ 4284491899

■ 4286083707

■ 4284226683

■ 4286348923

■ 4283961211

■ 4286614395

■ 4283695995

■ 4286879611

■ 4283629691

■ 4287144827

■ 4287410043

■ 4287675515

# Harmonies

## Analogous

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



4282931080



4285287803



4286662245

# Triad

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



4285287803



4285616936



4278216038

# Complementary

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



4285287803



4284250957

# 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.



4279592268



4285287803



4284111912

# Square

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



4285287803



4286663478



4282278198



4278215548

# Rectangle

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



4285287803



4287054932



4282278198



4278216029



# Sweetspot

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



4285287803



4288384929



4283260027



4283320146



4291940817



4283585106



# Same Dimension

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



4285287803



4287191201



4286270835



4282070845



4283695229



4289331452



# Inverse Universe

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



4286270812



4288764016



4283267925



4282201913



4286382121

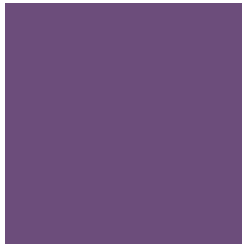


4294705234



# Previews

## White Background



This preview shows how the Android color 4285287803 looks on a white background.

## Color Contrast Check

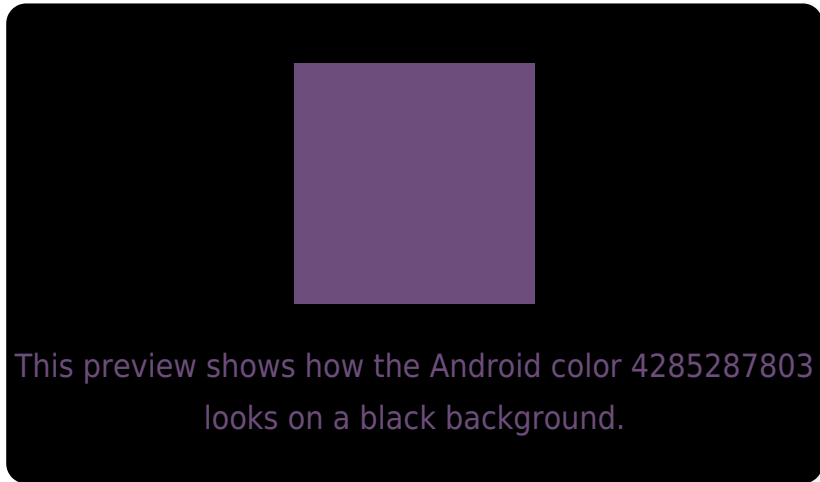
Large Text (above 18pt) WCAG AA ✓ Pass

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

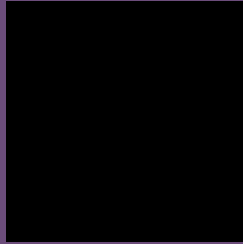
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4285287803 Background



This preview shows how black text looks on a background with the Android color 4285287803.



This preview shows how white text looks on a background with the Android color 4285287803.

# 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**  
4285287803

**Protanopia**  
4283062403

**Deuteranopia**  
4283455609



**Tritanopia**  
4284961882

# Trichromacy



**Original Color**

4285287803

**Protanomaly**

4283847808

**Deuteranomaly**

4284109946

**Tritanomaly**

4285092198

# Monochromacy



**Original Color**

4285287803

**Achromatopsia**

4284243036

**Achromatomaly**

4284634983

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285287803 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(108, 77, 123)` looks like.

```
.text, #text, p{  
    color:rgb(108, 77, 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(108, 77, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 77, 123) }
```

## Border

The CSS property to change the border of an element to Android 4285287803 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(108, 77, 123) }
```

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

```
.border{ border-color:rgb(108, 77, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 77, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 77, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 77, 123);  
box-shadow:4px 4px 4px 4px rgb(108, 77,  
123) }
```

# Background

The CSS property to change the background color of an element to Android 4285287803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 77, 123) }
```

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

```
.background{ background-color: rgb(108, 77,  
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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