

# Converting Colors

Android(4290773103)

Have a look what the booklet for  
Android(4290773103) contains.

<b>Android(4290773103)</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(4290773103)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C0006F
RGB	192, 0, 111
RGB Percent	75%, 0%, 44%
CMY	0.2471, 1.0000, 0.5647
CMYK	0.00, 1.00, 0.42, 0.25
HSL	325°, 100%, 38%
HSV	325°, 100%, 75%
XYZ	24.6075, 12.3542, 16.1266
YIQ	70.0620, 78.8010, 75.2250

# Conversions

## Conversions Part 2

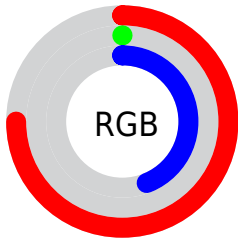
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 0, 111
Decimal	12583023
CIE <sub>Lab</sub>	41.77, 69.65, -6.21
CIE <sub>LCh</sub>	42, 69.926, 354.907
Yxy	12.3542, 0.4635, 0.2327
Android (android.graphics.Color)	4290773103 (0xFFC0006F)
YUV	70.0620, 20.1824, 106.9396
Hunter-Lab	35.1485, 63.4580, -2.5990

# Details

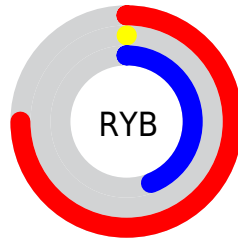
The Android color **4290773103** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **4278239313**, and the grayscale version is **4282795590**.

A 20% lighter version of the original color is **4294792867**, and **4286840896** is the 20% darker color. If you saturate the color by 10%, you get **4290773103**, and if you desaturate by 10%, it is **4290777975**.

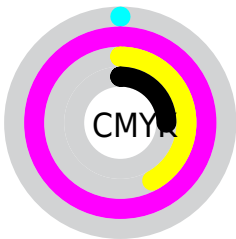
# Distribution



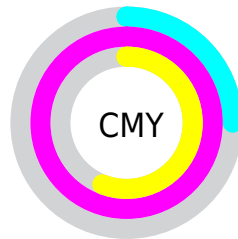
- Red (75%)
- Green (0%)
- Blue (44%)



- Red (75%)
- Yellow (0%)
- Blue (44%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (25%)



- Cyan (25%)
- Magenta (100%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290773103 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 4290773103 by changing the saturation by 10% instead.



 4290773103

 4290773103

4294967295

 4288806999

 4294792867

 4286840896

 4294931390

 4284940330

 4294938841

 4283105302

 4294946550

 4281204738

 4294953983

 4278190080

 4294961663

 4290773103

 4290777975

 4290782847

 4290787975

 4290792847

 4290797720

 4290802592

 4290807464

 4290812592

 4290817464

# Harmonies

## Analogous

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



4288427430



4290773103



4290910262

# Triad

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



4290773103



4283067648



4278220993

# Complementary

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



4290773103



4278239313

# 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.



4278221714



4290773103



4278220310

# Square

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



4290773103



4286668032



4278221399



4278218199

# Rectangle

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



4290773103



4290000398



4278221399



4278221236



# Sweetspot

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



4290773103



4294619098



4283433152



4286402666



4294769916



4286414205



# Same Dimension

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



4290773103



4294574224



4290773008



4284569437



4288741469



4280352787



# Inverse Universe

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



4290773103



4294574224



4278239408



4284569437



4288741469



4280352787



# Previews

## White Background



This preview shows how the Android color 4290773103 looks on a white background.

## Color Contrast Check

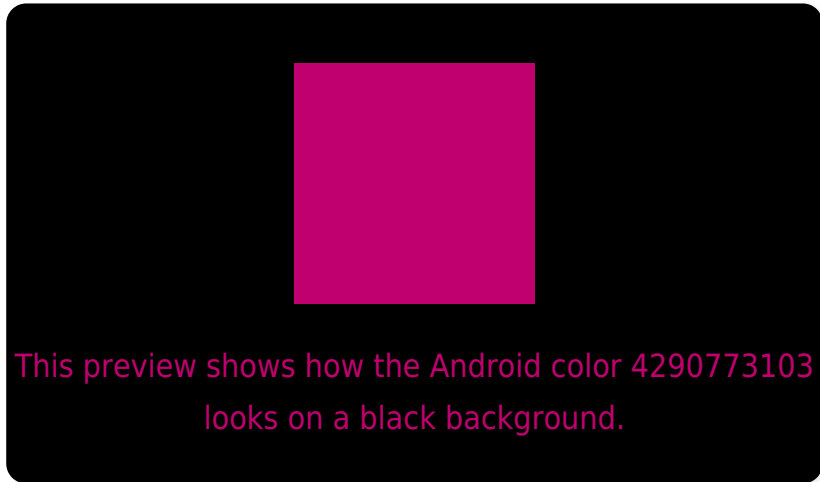
Large Text (above 18pt) WCAG AA ✓ Pass

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 4290773103 Background



This preview shows how black text looks on a background with the Android color 4290773103.



This preview shows how white text looks on a background with the Android color 4290773103.

# 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**  
4290773103

**Protanopia**  
4283327391

**Deuteranopia**  
4285424231



# Trichromacy



**Original Color**

4290773103



**Protanomaly**

4286005134



**Deuteranomaly**

4287381098



**Tritanomaly**

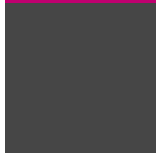
4290583621

# Monochromacy



**Original Color**

4290773103



**Achromatopsia**

4282795590



**Achromatomaly**

4285672789

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290773103 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(192, 0, 111)` looks like.

```
.text, #text, p{  
    color:rgb(192, 0, 111)  
}
```

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(192, 0, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 0, 111) }
```

## Border

The CSS property to change the border of an element to Android 4290773103 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(192, 0, 111) }
```

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

```
.border{ border-color:rgb(192, 0, 111) }
```

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

Here you see how a box with a 4 pixel rgb(192, 0, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 0, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 0, 111);  
box-shadow:4px 4px 4px 4px rgb(192, 0,  
111) }
```

# Background

The CSS property to change the background color of an element to Android 4290773103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 0, 111) }
```

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

```
.background{ background-color: rgb(192, 0,  
111) }
```

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