

# Converting Colors

Android(4285021055)

Have a look what the booklet for  
Android(4285021055) contains.

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# Color

**Android(4285021055)**

# Conversions

## Conversions Part 1

Format	Color
Hex	683B7F
RGB	104, 59, 127
RGB Percent	41%, 23%, 50%
CMY	0.5922, 0.7686, 0.5020
CMYK	0.18, 0.54, 0.00, 0.50
HSL	280°, 37%, 36%
HSV	280°, 54%, 50%
XYZ	11.1036, 7.6033, 20.9610
YIQ	80.2070, 4.9920, 30.6880

# Conversions

## Conversions Part 2

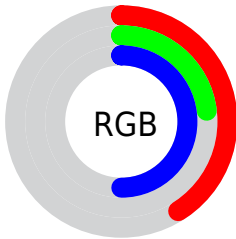
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 59, 127
Decimal	6830975
CIE <sub>Lab</sub>	33.14, 32.60, -30.75
CIE <sub>LCh</sub>	33, 44.819, 316.673
Yxy	7.6033, 0.2799, 0.1917
Android (android.graphics.Color)	4285021055 (0xFF683B7F)
<b>YUV</b>	80.2070, 23.0689, 20.8665
Hunter-Lab	27.5741, 23.6246, -25.7687

# Details

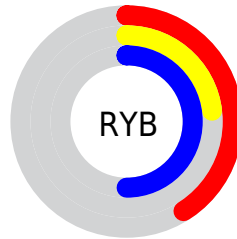
The Android color `4285021055` is a dark color, and the websafe version is hex `663366`. A complement of this color would be `4283596603`, and the grayscale version is `4283453520`.

A 20% lighter version of the original color is `4288507060`, and `4281732173` is the 20% darker color. If you saturate the color by 10%, you get `4284755583`, and if you desaturate by 10%, it is `4285286527`.

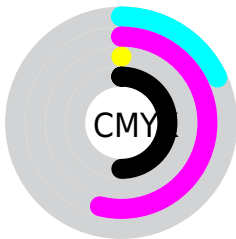
# Distribution



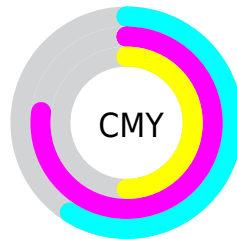
- Red (41%)
- Green (23%)
- Blue (50%)



- Red (41%)
- Yellow (23%)
- Blue (50%)



- Cyan (18%)
- Magenta (54%)
- Yellow (0%)
- Black (50%)



- Cyan (59%)
- Magenta (77%)
- Yellow (50%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285021055 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 4285021055 by changing the saturation by 10% instead.



4285021055

4285021055

4294967295

4283376742

4288507060

4281732173

4290283216

4280287286

4292124908

4278190112

4294032639

4278190084

4294957311

4278190080

4294964479

4285021055

4285021055

4284755583

4285286527

■ 4284424831

■ 4285617279

■ 4284159359

■ 4285882751

■ 4283893887

■ 4286148223

■ 4283695231

■ 4286413695

■ 4286744447

■ 4287009919

■ 4287275391

■ 4287606143

# Harmonies

## Analogous

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



4280830866



4285021055



4286917727

# Triad

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



4285021055



4285286144



4278214241

# Complementary

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



4285021055



4283596603

# 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.



4278213948



4285021055



4283191808

# Square

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



4285021055



4286789403



4280310297



4278213761

# Rectangle

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



4285021055



4287375432



4280310297



4278214229



# Sweetspot

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



4285021055



4288514982



4282078079



4283384916



4292138196



4283716692



# Same Dimension

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



4285021055



4286725286



4286528373



4282267968



4283695232



4278190080



# Inverse Universe

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



4286528338



4289084512



4282089285



4282399036



4286578731



4278190080



# Previews

## White Background



This preview shows how the Android color 4285021055 looks on a white background.

## Color Contrast Check

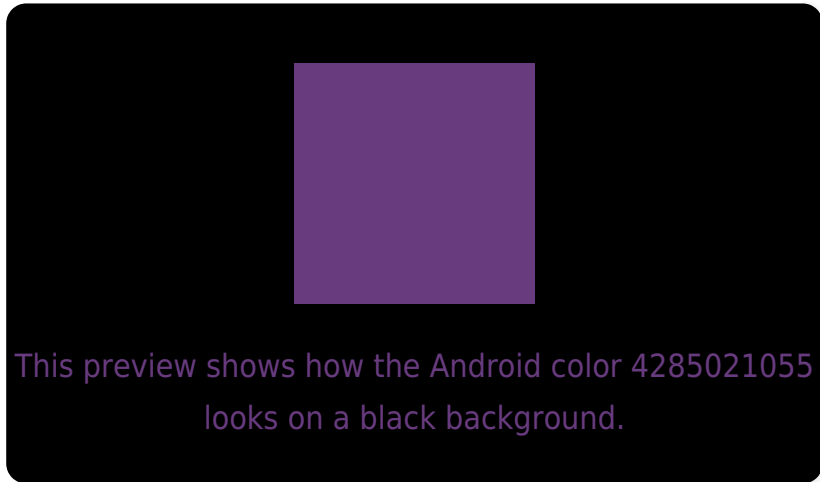
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285021055 Background



This preview shows how black text looks on a background with the Android color 4285021055.



This preview shows how white text looks on a background with the Android color 4285021055.

# 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**  
4285021055

**Protanomaly**  
4282533513

**Deuteranomaly**  
4282926972

**Tritanomaly**  
4284695391

# Monochromacy



**Original Color**  
4285021055

**Achromatopsia**  
4283453520

**Achromatomaly**  
4284041313

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285021055 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(104, 59, 127)` looks like.

```
.text, #text, p{  
    color:rgb(104, 59, 127)  
}
```

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(104, 59, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 59, 127) }
```

## Border

The CSS property to change the border of an element to Android 4285021055 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(104, 59, 127) }
```

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

```
.border{ border-color:rgb(104, 59, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 59, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 59, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 59, 127);  
box-shadow:4px 4px 4px 4px rgb(104, 59,  
127) }
```

# Background

The CSS property to change the background color of an element to Android 4285021055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 59, 127) }
```

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

```
.background{ background-color: rgb(104, 59,  
127) }
```

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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