

# Converting Colors

Android(4286068069)

Have a look what the booklet for  
Android(4286068069) contains.

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# Color

**Android(4286068069)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	783565
RGB	120, 53, 101
RGB Percent	47%, 21%, 40%
CMY	0.5294, 0.7922, 0.6039
CMYK	0.00, 0.56, 0.16, 0.53
HSL	317°, 39%, 34%
HSV	317°, 56%, 47%
XYZ	11.3678, 7.4789, 13.1563
YIQ	78.5050, 24.5240, 29.1320

# Conversions

## Conversions Part 2

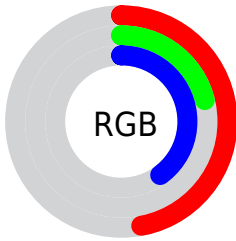
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 53, 101
Decimal	7877989
CIE <sub>Lab</sub>	32.87, 35.69, -14.61
CIE <sub>LCh</sub>	33, 38.564, 337.735
Yxy	7.4789, 0.3552, 0.2337
Android (android.graphics.Color)	4286068069 (0xFF783565)
YUV	78.5050, 11.0900, 36.3911
Hunter-Lab	27.3475, 26.3406, -9.3800

# Details

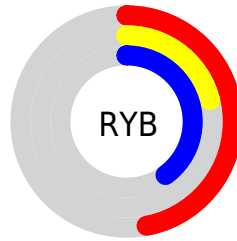
The Android color **4286068069** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4281694280**, and the grayscale version is **4283321934**.

A 20% lighter version of the original color is **4289619864**, and **4282712374** is the 20% darker color. If you saturate the color by 10%, you get **4286064994**, and if you desaturate by 10%, it is **4286071144**.

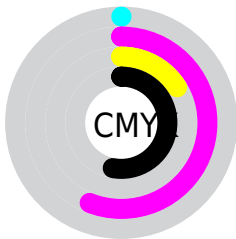
# Distribution



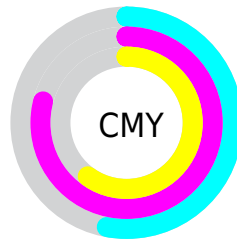
- Red (47%)
- Green (21%)
- Blue (40%)



- Red (47%)
- Yellow (21%)
- Blue (40%)



- Cyan (0%)
- Magenta (56%)
- Yellow (16%)
- Black (53%)



- Cyan (53%)
- Magenta (79%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286068069 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 4286068069 by changing the saturation by 10% instead.



 4286068069

 4286068069

4294967295

 4284357709

 4289619864

 4282712374

 4291461555

 4281204769

 4293368782

 4278845446

 4294948843

 4278190080

 4294956031

 4294963199

 4286068069

 4286068069

 4286064994

 4286071144

■ 4286061918

■ 4286074220

■ 4286058843

■ 4286077295

■ 4286055767

■ 4286080371

■ 4286054486

■ 4286083446

■ 4286086521

■ 4286089597

■ 4286092672

■ 4286095748

# Harmonies

## Analogous

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



4284039806



4286068069



4286853191

# Triad

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



4286068069



4283846152



4278213490

# Complementary

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



4286068069



4281694280

# 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.



4278213717



4286068069



4281685529

# Square

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



4286068069



4285481746



4278213173



4278212485

# Rectangle

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



4286068069



4286788659



4278213173



4278213481



# Sweetspot

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



4286068069



4288446868



4282922360



4283383627



4291809231



4283387727



# Same Dimension

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



4286068069



4288426878



4286068036



4282201915



4286382170



4294705333



# Inverse Universe

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



4286068069



4288426878



4281694313



4282201915



4286382170

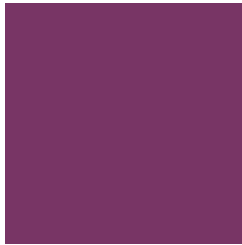


4294705333



# Previews

## White Background



This preview shows how the Android color 4286068069 looks on a white background.

## Color Contrast Check

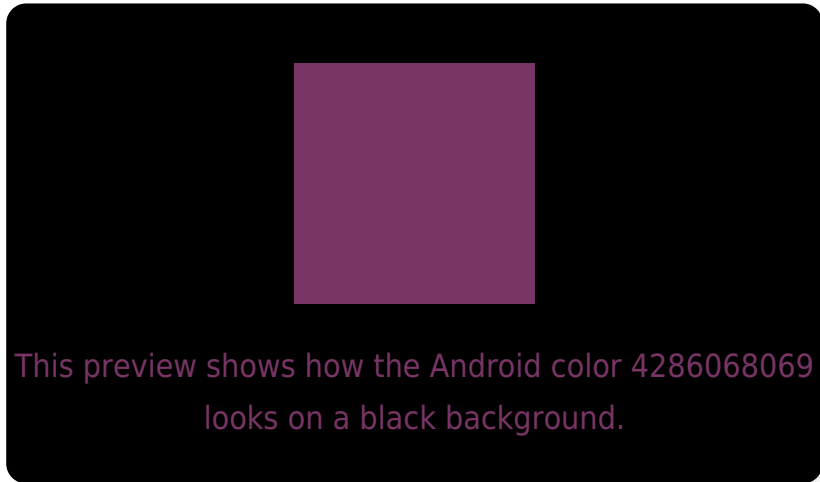
Large Text (above 18pt) WCAG AA ✓ Pass

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

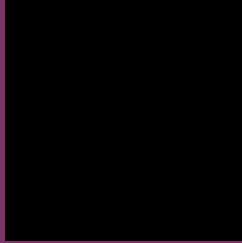
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4286068069 Background



This preview shows how black text looks on a background with the Android color 4286068069.



This preview shows how white text looks on a background with the Android color 4286068069.

# 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**  
4286068069

**Protanopia**  
4282338679

**Deuteranopia**  
4283190369



# Trichromacy



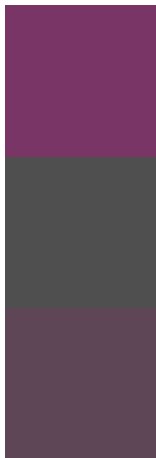
**Original Color**  
4286068069

**Protanomaly**  
4283712624

**Deuteranomaly**  
4284236898

**Tritanomaly**  
4285872719

# Monochromacy



**Original Color**  
4286068069

**Achromatopsia**  
4283387727

**Achromatomaly**  
4284368471

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286068069 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(120, 53, 101)` looks like.

```
.text, #text, p{  
    color:rgb(120, 53, 101)  
}
```

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(120, 53, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 53, 101) }
```

## Border

The CSS property to change the border of an element to Android 4286068069 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(120, 53, 101) }
```

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

```
.border{ border-color:rgb(120, 53, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 53, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 53, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 53, 101);  
box-shadow:4px 4px 4px 4px rgb(120, 53,  
101) }
```

# Background

The CSS property to change the background color of an element to Android 4286068069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 53, 101) }
```

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

```
.background{ background-color: rgb(120, 53,  
101) }
```

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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