

# Converting Colors

Android(4285089913)

Have a look what the booklet for  
Android(4285089913) contains.

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# Color

**Android(4285089913)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	694879
RGB	105, 72, 121
RGB Percent	41%, 28%, 47%
CMY	0.5882, 0.7176, 0.5255
CMYK	0.13, 0.40, 0.00, 0.53
HSL	280°, 25%, 38%
HSV	280°, 40%, 47%
XYZ	11.5943, 9.0185, 19.2188
YIQ	87.4530, 3.9390, 22.2350

# Conversions

## Conversions Part 2

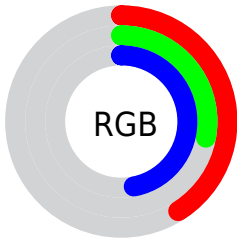
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 72, 121
Decimal	6899833
CIE <sub>Lab</sub>	36.02, 23.75, -22.50
CIE <sub>LCh</sub>	36, 32.716, 316.548
Yxy	9.0185, 0.2911, 0.2264
Android (android.graphics.Color)	4285089913 (0xFF694879)
YUV	87.4530, 16.5387, 15.3887
Hunter-Lab	30.0308, 16.3613, -16.9224

# Details

The Android color `4285089913` is a dark color, and the websafe version is hex `663366`. A complement of this color would be `4283988296`, and the grayscale version is `4283914071`.

A 20% lighter version of the original color is `4288510382`, and `4281867080` is the 20% darker color. If you saturate the color by 10%, you get `4284824697`, and if you desaturate by 10%, it is `4285355129`.

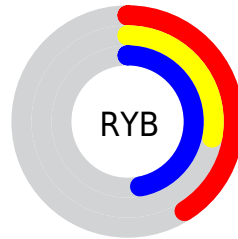
# Distribution



Red (41%)

Green (28%)

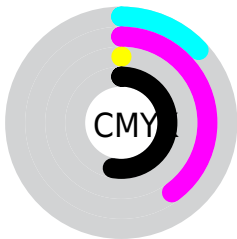
Blue (47%)



Red (41%)

Yellow (28%)

Blue (47%)

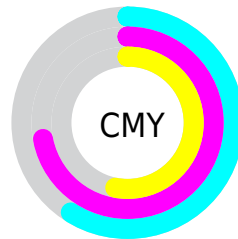


Cyan (13%)

Magenta (40%)

Yellow (0%)

Black (53%)



Cyan (59%)

Magenta (72%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285089913 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 4285089913 by changing the saturation by 10% instead.





4285089913



4285089913

4294967295



4283445600



4288510382



4281867080



4290286537



4280419633



4292128485



4278190108



4294035967



4278190080



4294960895



4285089913



4285089913



4284824697



4285355129



4284559481



4285620345

■ 4284294265

■ 4285885561

■ 4284029049

■ 4286150777

■ 4283763577

■ 4286415993

■ 4283498617

■ 4286681465

■ 4286946681

■ 4287211897

■ 4287477113

# Harmonies

## Analogous

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



4282536583



4285089913



4286529634

# Triad

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



4285089913



4285419296



4278215267

# Complementary

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



4285089913



4283988296

# 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.



4278214984



4285089913



4283848736

# Square

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



4285089913



4286530864



4281884207



4278214778

# Rectangle

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



4285089913



4286922320



4281884207



4278215258



# Sweetspot

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



4285089913



4288187294



4282931321



4283122767



4291809231



4283387727



# Same Dimension

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



4285089913



4286927262



4286138481



4282070845



4283695229



4289331452



# Inverse Universe

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



4286138456



4288565610



4282939728



4282201913



4286382121

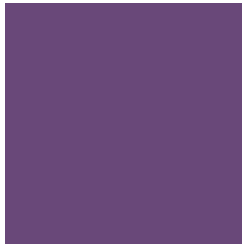


4294705234



# Previews

## White Background



This preview shows how the Android color 4285089913 looks on a white background.

## Color Contrast Check

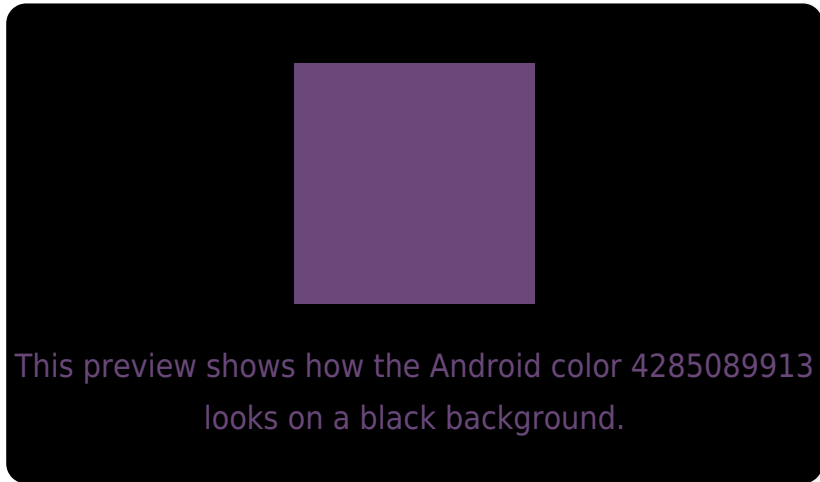
Large Text (above 18pt) WCAG AA ✓ Pass

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

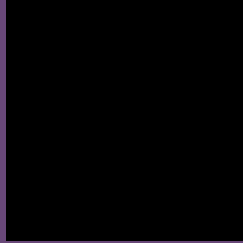
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4285089913 Background



This preview shows how black text looks on a background with the Android color 4285089913.



This preview shows how white text looks on a background with the Android color 4285089913.

# 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**  
4285089913

**Protanopia**  
4282667906

**Deuteranopia**  
4283061367



# Trichromacy



**Original Color**  
4285089913

**Protanomaly**  
4283518847

**Deuteranomaly**  
4283781240

**Tritanomaly**  
4284894563

# Monochromacy



**Original Color**  
4285089913

**Achromatopsia**  
4283914071

**Achromatomaly**  
4284371555

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285089913 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(105, 72, 121)` looks like.

```
.text, #text, p{  
    color:rgb(105, 72, 121)  
}
```

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(105, 72, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 72, 121) }
```

## Border

The CSS property to change the border of an element to Android 4285089913 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(105, 72, 121) }
```

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

```
.border{ border-color:rgb(105, 72, 121) }
```

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

Here you see how a box with a 4 pixel rgb(105, 72, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 72, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 72, 121);  
box-shadow:4px 4px 4px 4px rgb(105, 72,  
121) }
```

# Background

The CSS property to change the background color of an element to Android 4285089913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 72, 121) }
```

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

```
.background{ background-color: rgb(105, 72,  
121) }
```

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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