

# Converting Colors

Android(4285883017)

Have a look what the booklet for  
Android(4285883017) contains.

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# Color

**Android(4285883017)**

# Conversions

## Conversions Part 1

Format	Color
Hex	756289
RGB	117, 98, 137
RGB Percent	46%, 38%, 54%
CMY	0.5412, 0.6157, 0.4627
CMYK	0.15, 0.28, 0.00, 0.46
HSL	269°, 17%, 46%
HSV	269°, 28%, 54%
XYZ	16.2192, 14.3234, 25.5768
YIQ	108.1270, -1.1950, 16.1570

# Conversions

## Conversions Part 2

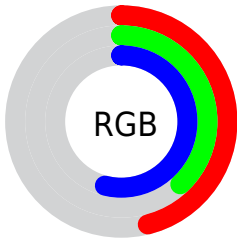
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 98, 137
Decimal	7692937
CIE <sub>Lab</sub>	44.69, 15.72, -18.76
CIE <sub>LCh</sub>	45, 24.477, 309.968
Yxy	14.3234, 0.2890, 0.2552
Android (android.graphics.Color)	4285883017 (0xFF756289)
YUV	108.1270, 14.2344, 7.7816
Hunter-Lab	37.8463, 10.2658, -13.5762

# Details

The Android color `4285883017` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4285958498`, and the grayscale version is `4285295724`.

A 20% lighter version of the original color is `4289303998`, and `4282659671` is the 20% darker color. If you saturate the color by 10%, you get `4285420681`, and if you desaturate by 10%, it is `4286345353`.

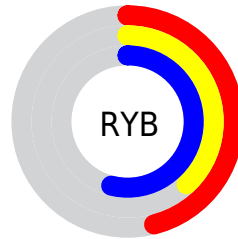
# Distribution



Red (46%)

Green (38%)

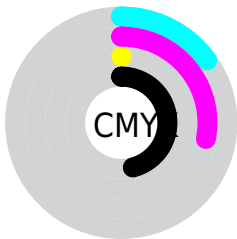
Blue (54%)



Red (46%)

Yellow (38%)

Blue (54%)

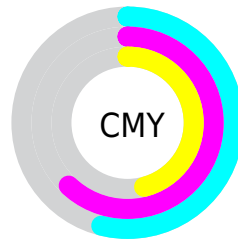


Cyan (15%)

Magenta (28%)

Yellow (0%)

Black (46%)



Cyan (54%)

Magenta (62%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285883017 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 4285883017 by changing the saturation by 10% instead.





4285883017



4285883017

4294967295



4284238448



4289303998



4282659671



4291145946



4281146944



4292987895



4279830313



4294895615



4278190356



4278190080



4285883017



4285883017



4285420681



4286345353



4284958601



4286807433

4284496265

4287269769

4284033929

4287732105

4283571849

4288194441

4283109513

4288656521

4282647177

4289118857

4282581129

4289581193

4290043273

# Harmonies

## Analogous

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



4283984274



4285883017



4287192184

# Triad

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



4285883017



4286800964



4280907120

# Complementary

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



4285883017



4285958498

# 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.



4282545243



4285883017



4285623105

# Square

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



4285883017



4287585617



4284117066



4280316803

# Rectangle

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



4285883017



4287650411



4284117066



4281431401



# Sweetspot

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



4285883017



4289372851



4284642953



4283715417



4292467161



4284045657



# Same Dimension

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



4285883017



4287854259



4287128201



4282465861



4282450053



4278321157



# Inverse Universe

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



4287193718



4289951381



4284713314



4282728001



4286906436

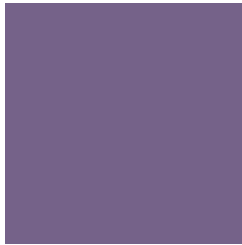


4278517763



# Previews

## White Background



This preview shows how the Android color 4285883017 looks on a white background.

## Color Contrast Check

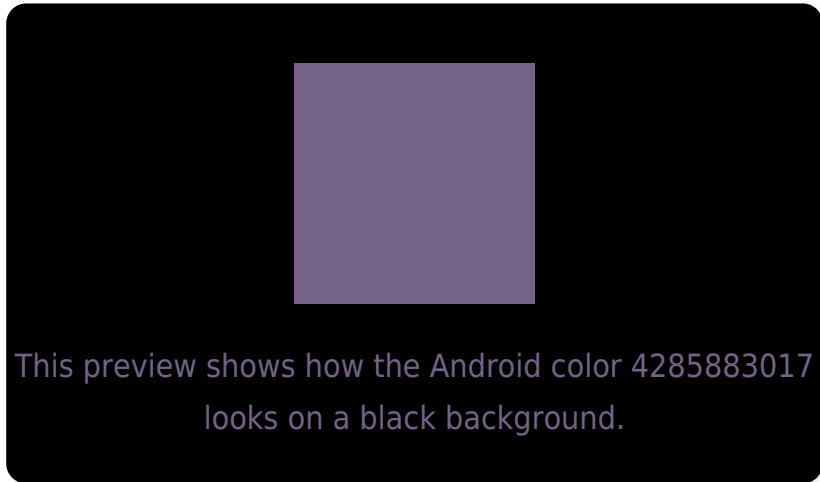
Large Text (above 18pt) WCAG AA ✓ Pass

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

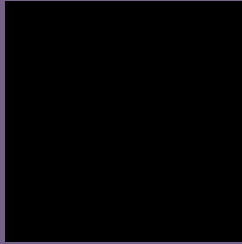
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4285883017 Background



This preview shows how black text looks on a background with the Android color 4285883017.



This preview shows how white text looks on a background with the Android color 4285883017.

# 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**  
4285883017

**Protanopia**  
4284443022

**Deuteranopia**  
4284770440



# Trichromacy



**Original Color**  
4285883017

**Protanomaly**  
4284966540

**Deuteranomaly**  
4285163144

**Tritanomaly**  
4285687160

# Monochromacy



**Original Color**  
4285883017

**Achromatopsia**  
4285295724

**Achromatomaly**  
4285491319

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285883017 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(117, 98, 137)` looks like.

```
.text, #text, p{  
    color:rgb(117, 98, 137)  
}
```

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(117, 98, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 98, 137) }
```

## Border

The CSS property to change the border of an element to Android 4285883017 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(117, 98, 137) }
```

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

```
.border{ border-color:rgb(117, 98, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 98, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 98, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 98, 137);  
box-shadow:4px 4px 4px 4px rgb(117, 98,  
137) }
```

# Background

The CSS property to change the background color of an element to Android 4285883017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 98, 137) }
```

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

```
.background{ background-color: rgb(117, 98,  
137) }
```

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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