

# Converting Colors

Android(4285885344)

Have a look what the booklet for  
Android(4285885344) contains.

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# Color

**Android(4285885344)**

# Conversions

## Conversions Part 1

Format	Color
Hex	756BA0
RGB	117, 107, 160
RGB Percent	46%, 42%, 63%
CMY	0.5412, 0.5804, 0.3725
CMYK	0.27, 0.33, 0.00, 0.37
HSL	251°, 22%, 52%
HSV	251°, 33%, 63%
XYZ	18.9390, 16.8354, 35.5091
YIQ	116.0320, -11.0530, 18.6030

# Conversions

## Conversions Part 2

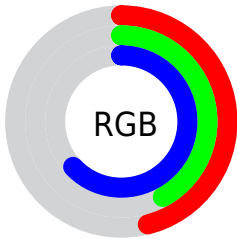
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 107, 160
Decimal	7695264
CIE Lab	48.05, 15.95, -27.23
CIE LCh	48, 31.560, 300.366
Yxy	16.8354, 0.2657, 0.2362
Android (android.graphics.Color)	4285885344 (0xFF756BA0)
YUV	116.0320, 21.6762, 0.8489
Hunter-Lab	41.0309, 10.5876, -22.5892

# Details

The Android color `4285885344` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4288061547`, and the grayscale version is `4285822068`.

A 20% lighter version of the original color is `4289371863`, and `4282596460` is the 20% darker color. If you saturate the color by 10%, you get `4285029280`, and if you desaturate by 10%, it is `4286741408`.

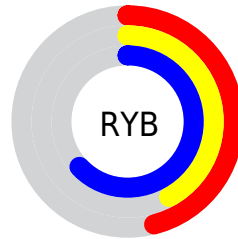
# Distribution



Red (46%)

Green (42%)

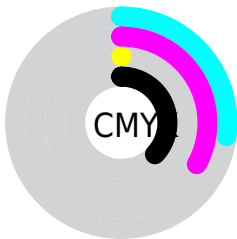
Blue (63%)



Red (46%)

Yellow (42%)

Blue (63%)

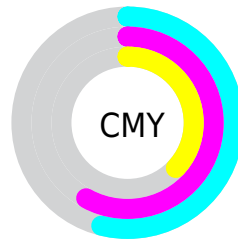


Cyan (27%)

Magenta (33%)

Yellow (0%)

Black (37%)



Cyan (54%)

Magenta (58%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285885344 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 4285885344 by changing the saturation by 10% instead.



■ 4285885344

■ 4285885344

4294967295

■ 4284240774

■ 4289371863

■ 4282596460

■ 4291213811

■ 4281017940

■ 4293055999

■ 4279439932

■ 4294963711

■ 4278190118

■ 4278190351

■ 4278190080

■ 4285885344

■ 4285885344

■ 4285029280

■ 4286741408

■ 4284173216

■ 4287597472

■ 4283317152

■ 4288453536

■ 4282461088

■ 4289309600

■ 4281605024

■ 4290165664

■ 4280748960

■ 4291021728

■ 4280156320

■ 4291877792

■ 4292733856

■ 4293589920

# Harmonies

## Analogous

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



4283004327



4285885344



4287914637

# Triad

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



4285885344



4288177988



4279861361

# Complementary

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



4285885344



4288061547

# 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.



4282875479



4285885344



4286804284

# Square

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



4285885344



4288962393



4284971075



4278222732

# Rectangle

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



4285885344



4288700028



4284971075



4281041000



# Sweetspot

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



4285885344



4290821329



4285240992



4284374121



4293454056



4285098345



# Same Dimension

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



4285885344



4287462865



4287589280



4282992463



4279959695



4278386703



# Inverse Universe

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



4288703382



4291919297



4286357611



4283385678



4287561844



4279173132



# Previews

## White Background



This preview shows how the Android color 4285885344 looks on a white background.

## Color Contrast Check

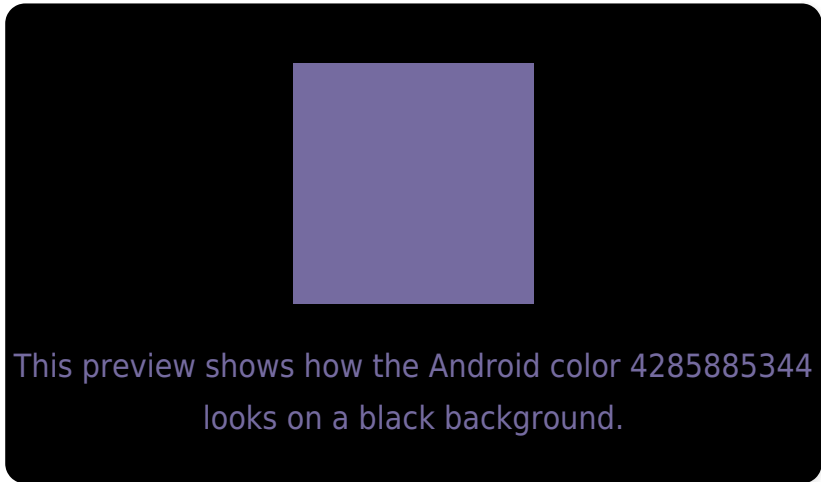
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285885344 Background



This preview shows how black text looks on a background with the Android color 4285885344.



This preview shows how white text looks on a background with the Android color 4285885344.

# 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**

4285885344

**Protanopia**

4284575908

**Deuteranopia**

4284707231



# Trichromacy



**Original Color**  
4285885344

**Protanomaly**  
4285034147

**Deuteranomaly**  
4285165471

**Tritanomaly**  
4285624200

# Monochromacy



**Original Color**  
4285885344

**Achromatopsia**  
4285822068

**Achromatomaly**  
4285821316

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285885344 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, 107, 160)` looks like.

```
.text, #text, p{  
    color:rgb(117, 107, 160)  
}
```

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, 107, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 107, 160) }
```

## Border

The CSS property to change the border of an element to Android 4285885344 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, 107, 160) }
```

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

```
.border{ border-color:rgb(117, 107, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 107, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 107, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 107, 160);  
box-shadow:4px 4px 4px 4px rgb(117, 107,  
160) }
```

# Background

The CSS property to change the background color of an element to Android 4285885344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 107, 160) }
```

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

```
.background{ background-color: rgb(117,  
107, 160) }
```

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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