

# Converting Colors

Android(4285032581)

Have a look what the booklet for  
Android(4285032581) contains.

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# Color

**Android(4285032581)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	686885
RGB	104, 104, 133
RGB Percent	41%, 41%, 52%
CMY	0.5922, 0.5922, 0.4784
CMYK	0.22, 0.22, 0.00, 0.48
HSL	240°, 12%, 46%
HSV	240°, 22%, 52%
XYZ	14.8929, 14.5371, 24.2113
YIQ	107.3060, -9.3090, 9.0190

# Conversions

## Conversions Part 2

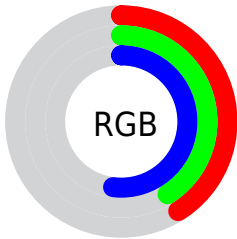
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 104, 133
Decimal	6842501
CIE <sub>Lab</sub>	44.99, 6.65, -16.01
CIE <sub>LCh</sub>	45, 17.333, 292.572
Yxy	14.5371, 0.2776, 0.2710
Android (android.graphics.Color)	4285032581 (0xFF686885)
YUV	107.3060, 12.6671, -2.8994
Hunter-Lab	38.1276, 2.9999, -10.9603

# Details

The Android color `4285032581` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4286940520`, and the grayscale version is `4285229931`.

A 20% lighter version of the original color is `4288453562`, and `4281874771` is the 20% darker color. If you saturate the color by 10%, you get `4284177285`, and if you desaturate by 10%, it is `4285887877`.

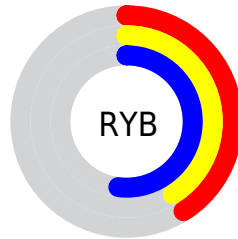
# Distribution



Red (41%)

Green (41%)

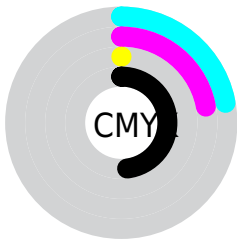
Blue (52%)



Red (41%)

Yellow (41%)

Blue (52%)

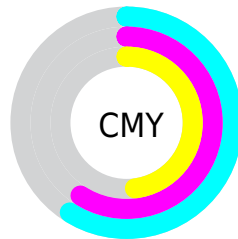


Cyan (22%)

Magenta (22%)

Yellow (0%)

Black (48%)



Cyan (59%)

Magenta (59%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285032581 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 4285032581 by changing the saturation by 10% instead.





4285032581



4285032581

4294967295



4283453548



4288453562



4281874771



4290229974



4280427580



4292006386



4279045670



4293914367



4278190353



4278190080



4285032581



4285032581



4284177285



4285887877



4283256197



4286808965

■ 4282400901

■ 4287664261

■ 4281545605

■ 4288519557

■ 4280624517

■ 4289440645

■ 4279769221

■ 4290295941

■ 4278913925

■ 4291151237

■ 4278190213

■ 4292006533

■ 4292927621

# Harmonies

## Analogous

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



4283723143



4285032581



4286210940

# Triad

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



4285032581



4286800980



4283069030

# Complementary

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



4285032581



4286940520

# 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.



4284051545



4285032581



4286146638

# Square

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



4285032581



4287127648



4285164880



4282479221

# Rectangle

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



4285032581



4286734707



4285164880



4283396705



# Sweetspot

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



4285032581



4288782765



4285040005



4283453527



4292269782



4283914071



# Same Dimension

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



4285032581



4286611629



4286015621



4282137666



4278190210



4278190083



# Inverse Universe

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



4286933125



4289560749



4286023016



4282530882



4286709890



4278386691



# Previews

## White Background



This preview shows how the Android color 4285032581 looks on a white background.

## Color Contrast Check

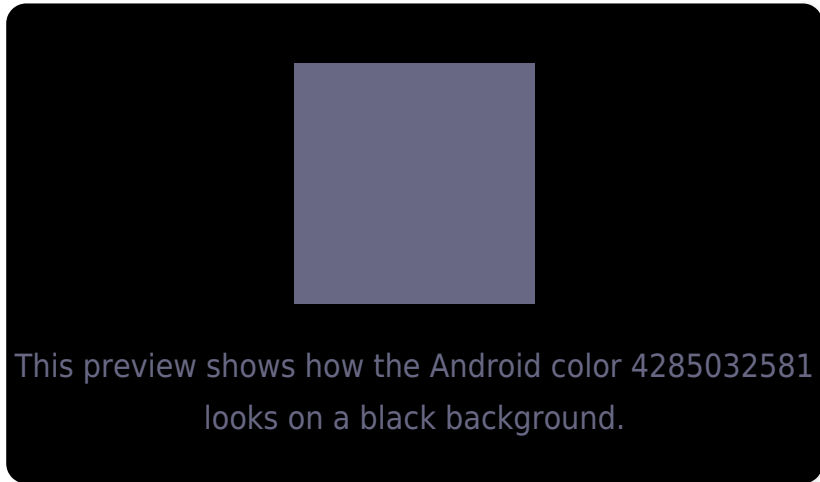
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285032581 Background



This preview shows how black text looks on a background with the Android color 4285032581.



This preview shows how white text looks on a background with the Android color 4285032581.

# 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**  
4285032581

**Protanopia**  
4284705158

**Deuteranopia**  
4284967045



# Trichromacy



**Original Color**

4285032581

**Protanomaly**

4284836230

**Deuteranomaly**

4284967045

**Tritanomaly**

4284902010

# Monochromacy



**Original Color**

4285032581

**Achromatopsia**

4285229931

**Achromatomaly**

4285164148

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285032581 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, 104, 133)` looks like.

```
.text, #text, p{  
    color:rgb(104, 104, 133)  
}
```

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, 104, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 104, 133) }
```

## Border

The CSS property to change the border of an element to Android 4285032581 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, 104, 133) }
```

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

```
.border{ border-color:rgb(104, 104, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 104, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 104, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 104, 133);  
box-shadow:4px 4px 4px 4px rgb(104, 104,  
133) }
```

# Background

The CSS property to change the background color of an element to Android 4285032581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 104, 133) }
```

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

```
.background{ background-color: rgb(104,  
104, 133) }
```

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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