

# Converting Colors

Android(4285820873)

Have a look what the booklet for  
Android(4285820873) contains.

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# Color

**Android(4285820873)**

# Conversions

## Conversions Part 1

Format	Color
Hex	746FC9
RGB	116, 111, 201
RGB Percent	45%, 44%, 79%
CMY	0.5451, 0.5647, 0.2118
CMYK	0.42, 0.45, 0.00, 0.21
HSL	243°, 45%, 61%
HSV	243°, 45%, 79%
XYZ	23.4295, 19.2989, 57.7485
YIQ	122.7550, -25.9100, 29.0500

# Conversions

## Conversions Part 2

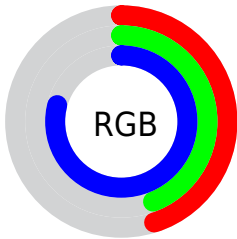
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 111, 201
Decimal	7630793
CIE <sub>Lab</sub>	51.04, 24.56, -46.31
CIE <sub>LCh</sub>	51, 52.423, 297.938
Yxy	19.2989, 0.2332, 0.1921
Android (android.graphics.Color)	4285820873 (0xFF746FC9)
YUV	122.7550, 38.5748, -5.9241
Hunter-Lab	43.9305, 18.3211, -47.1878

# Details

The Android color `4285820873` is a dark color, and the websafe version is hex `6666CC`. A complement of this color would be `4291086703`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4289504255`, and `4282204050` is the 20% darker color. If you saturate the color by 10%, you get `4284570569`, and if you desaturate by 10%, it is `4287071177`.

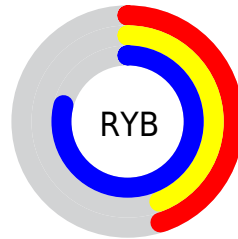
# Distribution



Red (45%)

Green (44%)

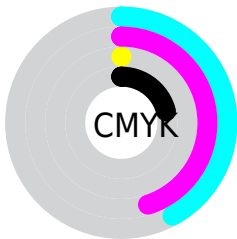
Blue (79%)



Red (45%)

Yellow (44%)

Blue (79%)

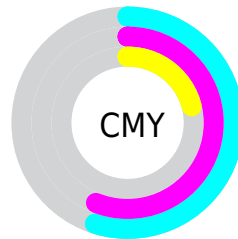


Cyan (42%)

Magenta (45%)

Yellow (0%)

Black (21%)



Cyan (55%)

Magenta (56%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285820873 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 4285820873 by changing the saturation by 10% instead.



 4285820873

 4285820873

4294967295

 4284045229

 4289504255

 4282204050

 4291346175

 4280166776

 4293253887

 4278195551

 4294964991

 4278190151

 4278191151

 4278190362

 4278190080

 4285820873

 4285820873

■ 4284570569

■ 4287071177

■ 4283320265

■ 4288321481

■ 4282069961

■ 4289571785

■ 4280819657

■ 4290822089

■ 4279569353

■ 4292072649

■ 4278911177

■ 4293322953

■ 4294573257

■ 4294967241

# Harmonies

## Analogous

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



4278223059



4285820873



4289551274

# Triad

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



4285820873



4290077997



4278226805

# Complementary

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



4285820873



4291086703

# 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.



4280585032



4285820873



4287854101

# Square

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



4285820873



4291318866



4284973858



4278226594

# Rectangle

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



4285820873



4290859662



4284973858



4278226533



# Sweetspot

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



4285820873



4292927231



4285515209



4285295488



4278190080



4286611584



# Same Dimension

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



4285820873



4286412287



4288769993



4284111459



4278780067



4278321188



# Inverse Universe

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



4291391428



4294931959



4288137583



4284701283



4288872602

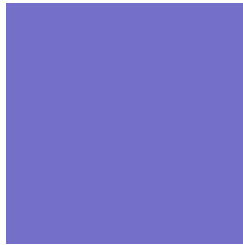


4280549410



# Previews

## White Background



This preview shows how the Android color 4285820873 looks on a white background.

## Color Contrast Check

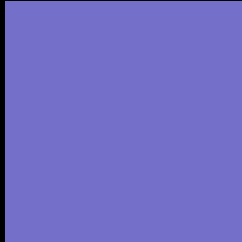
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Android color 4285820873 looks on a black 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

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



# Android 4285820873 Background



This preview shows how black text looks on a background with the Android color 4285820873.

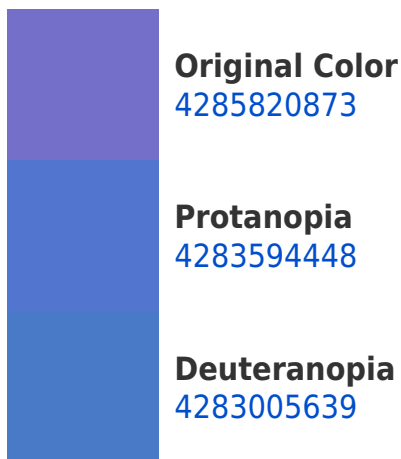


This preview shows how white text looks on a background with the Android color 4285820873.

# 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





# Trichromacy



**Original Color**  
4285820873

**Protanomaly**  
4284380109

**Deuteranomaly**  
4284053192

**Tritanomaly**  
4285102496

# Monochromacy



**Original Color**  
4285820873

**Achromatopsia**  
4286282619

**Achromatomaly**  
4286085015

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285820873 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(116, 111, 201)` looks like.

```
.text, #text, p{  
    color:rgb(116, 111, 201)  
}
```

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(116, 111, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 111, 201) }
```

## Border

The CSS property to change the border of an element to Android 4285820873 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(116, 111, 201) }
```

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

```
.border{ border-color:rgb(116, 111, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 111, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 111, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 111, 201);  
box-shadow:4px 4px 4px 4px rgb(116, 111,  
201) }
```

# Background

The CSS property to change the background color of an element to Android 4285820873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 111, 201) }
```

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

```
.background{ background-color: rgb(116,  
111, 201) }
```

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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