

# Converting Colors

Android(4285755296)

Have a look what the booklet for  
Android(4285755296) contains.

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# Color

**Android(4285755296)**

# Conversions

## Conversions Part 1

Format	Color
Hex	736FA0
RGB	115, 111, 160
RGB Percent	45%, 44%, 63%
CMY	0.5490, 0.5647, 0.3725
CMYK	0.28, 0.31, 0.00, 0.37
HSL	245°, 21%, 53%
HSV	245°, 31%, 63%
XYZ	19.0998, 17.5518, 35.6389
YIQ	117.7820, -13.3450, 16.0870

# Conversions

## Conversions Part 2

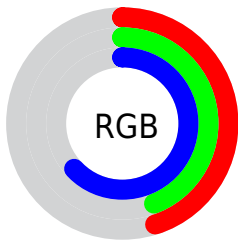
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 111, 160
Decimal	7565216
CIE <sub>Lab</sub>	48.95, 12.92, -25.85
CIE <sub>LCh</sub>	49, 28.900, 296.548
Yxy	17.5518, 0.2642, 0.2428
Android (android.graphics.Color)	4285755296 (0xFF736FA0)
YUV	117.7820, 20.8135, -2.4398
Hunter-Lab	41.8948, 8.0621, -21.1101

# Details

The Android color `4285755296` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4288454767`, and the grayscale version is `4285953654`.

A 20% lighter version of the original color is `4289242071`, and `4282466156` is the 20% darker color. If you saturate the color by 10%, you get `4284768160`, and if you desaturate by 10%, it is `4286742432`.

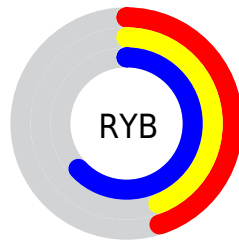
# Distribution



Red (45%)

Green (44%)

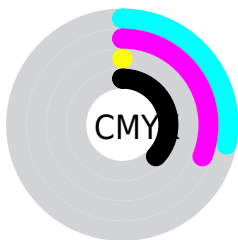
Blue (63%)



Red (45%)

Yellow (44%)

Blue (63%)

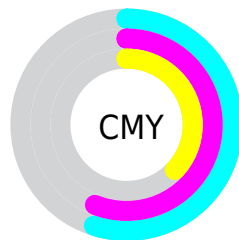


Cyan (28%)

Magenta (31%)

Yellow (0%)

Black (37%)



Cyan (55%)

Magenta (56%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285755296 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 4285755296 by changing the saturation by 10% instead.



■ 4285755296

■ 4285755296

4294967295

■ 4284110726

■ 4289242071

■ 4282466156

■ 4291084019

■ 4280887892

■ 4292925951

■ 4279309628

■ 4294833919

■ 4278190119

■ 4278190352

■ 4278190080

■ 4285755296

■ 4285755296

■ 4284768160

■ 4286742432

■ 4283846560

■ 4287664032

■ 4282859424

■ 4288651168

■ 4281872288

■ 4289638304

■ 4280950688

■ 4290559904

■ 4279963552

■ 4291547040

■ 4279042208

■ 4292534176

■ 4293521312

■ 4294442912

# Harmonies

## Analogous

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



4283136165



4285755296



4287653520

# Triad

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



4285755296



4288309580



4281368945

# Complementary

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



4285755296



4288454767

# 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.



4283531097



4285755296



4287066691

# Square

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



4285755296



4288963424



4285430088



4278681993

# Rectangle

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



4285755296



4288504448



4285430088



4282155368



# Sweetspot

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



4285755296



4290821841



4285504928



4284374377



4293454056



4285098345



# Same Dimension

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



4285755296



4287268049



4287328160



4282926927



4278976655



4278255631



# Inverse Universe

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



4288704412



4291921099



4286881903



4283385678



4287561859



4279173134



# Previews

## White Background



This preview shows how the Android color 4285755296 looks on a white background.

## Color Contrast Check

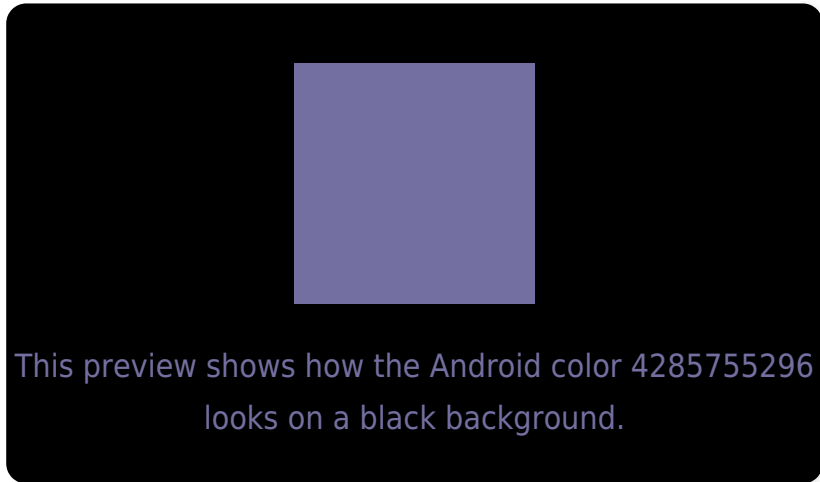
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 4285755296 Background



This preview shows how black text looks on a background with the Android color 4285755296.



This preview shows how white text looks on a background with the Android color 4285755296.

# 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**

4285755296

**Protanopia**

4284838819

**Deuteranopia**

4284969887



# Trichromacy



**Original Color**

4285755296

**Protanomaly**

4285166242

**Deuteranomaly**

4285231775

**Tritanomaly**

4285494155

# Monochromacy



**Original Color**

4285755296

**Achromatopsia**

4285953654

**Achromatomaly**

4285887365

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285755296 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(115, 111, 160)` looks like.

```
.text, #text, p{  
    color:rgb(115, 111, 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(115, 111, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 111, 160) }
```

## Border

The CSS property to change the border of an element to Android 4285755296 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(115, 111, 160) }
```

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

```
.border{ border-color:rgb(115, 111, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 111, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 111, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 111, 160);  
box-shadow:4px 4px 4px 4px rgb(115, 111,  
160) }
```

# Background

The CSS property to change the background color of an element to Android 4285755296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 111, 160) }
```

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

```
.background{ background-color: rgb(115,  
111, 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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