

# Converting Colors

Android(4285672826)

Have a look what the booklet for  
Android(4285672826) contains.

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# Color

**Android(4285672826)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	722D7A
RGB	114, 45, 122
RGB Percent	45%, 18%, 48%
CMY	0.5529, 0.8235, 0.5216
CMYK	0.07, 0.63, 0.00, 0.52
HSL	294°, 46%, 33%
HSV	294°, 63%, 48%
XYZ	11.3907, 6.8593, 19.1360
YIQ	74.4090, 16.4070, 38.5750

# Conversions

## Conversions Part 2

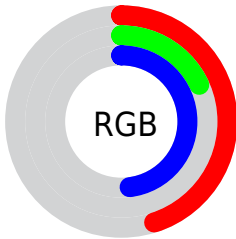
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 45, 122
Decimal	7482746
CIE <sub>Lab</sub>	31.48, 41.84, -30.16
CIE <sub>LCh</sub>	31, 51.575, 324.215
Yxy	6.8593, 0.3047, 0.1835
Android (android.graphics.Color)	4285672826 (0xFF722D7A)
YUV	74.4090, 23.4624, 34.7213
Hunter-Lab	26.1903, 31.8001, -24.9871

# Details

The Android color `4285672826` is a dark color, and the websafe version is hex `660066`. A complement of this color would be `4281694765`, and the grayscale version is `4283058762`.

A 20% lighter version of the original color is `4289224879`, and `4282318921` is the 20% darker color. If you saturate the color by 10%, you get `4285604218`, and if you desaturate by 10%, it is `4285741434`.

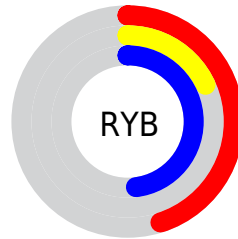
# Distribution



Red (45%)

Green (18%)

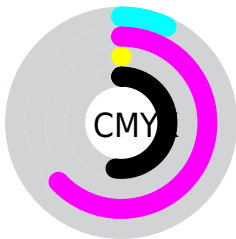
Blue (48%)



Red (45%)

Yellow (18%)

Blue (48%)

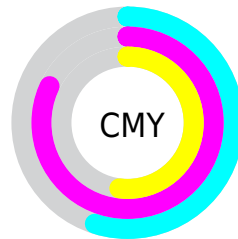


Cyan (7%)

Magenta (63%)

Yellow (0%)

Black (52%)



Cyan (55%)

Magenta (82%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285672826 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 4285672826 by changing the saturation by 10% instead.



4285672826

4285672826

4294967295

4283961953

4289224879

4282318921

4291066314

4280877106

4292973799

4278190108

4294881279

4278190080

4294953983

4294961407

4285672826

4285672826

4285604218

4285741434

■ 4285470074

■ 4285875578

■ 4285401210

■ 4285944442

■ 4285333626

■ 4286013050

■ 4286081658

■ 4286215802

■ 4286284410

■ 4286353274

■ 4286421882

# Harmonies

## Analogous

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



4281549717



4285672826



4287371092

# Triad

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



4285672826



4284630528



4278213738

# Complementary

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



4285672826



4281694765

# 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.



4278213441



4285672826



4282077696

# Square

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



4285672826



4286460674



4278212629



4278213004

# Rectangle

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



4285672826



4287633465



4278212629



4278213725



# Sweetspot

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



4285672826



4288381086



4281153146



4283252047



4291809231



4283387727



# Same Dimension

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



4285672826



4287768222



4286197084



4282201917



4285530237



4293001468



# Inverse Universe

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



4286197045



4288554546



4281170507



4282201912



4286382093



4294705178



# Previews

## White Background



This preview shows how the Android color 4285672826 looks on a white background.

## Color Contrast Check

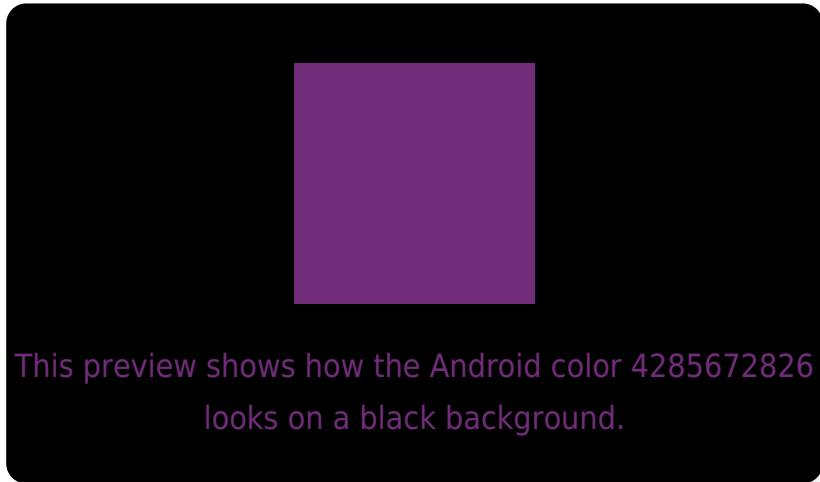
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4285672826 Background



This preview shows how black text looks on a background with the Android color 4285672826.



This preview shows how white text looks on a background with the Android color 4285672826.

# 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



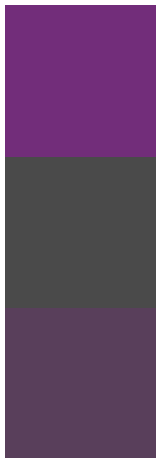
**Original Color**  
4285672826

**Protanomaly**  
4282007179

**Deuteranomaly**  
4283121783

**Tritanomaly**  
4285413462

# Monochromacy



**Original Color**  
4285672826

**Achromatopsia**  
4283058762

**Achromatomaly**  
4284039003

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285672826 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(114, 45, 122)` looks like.

```
.text, #text, p{  
    color:rgb(114, 45, 122)  
}
```

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(114, 45, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 45, 122) }
```

## Border

The CSS property to change the border of an element to Android 4285672826 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(114, 45, 122) }
```

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

```
.border{ border-color:rgb(114, 45, 122) }
```

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

Here you see how a box with a 4 pixel rgb(114, 45, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 45, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 45, 122);  
box-shadow:4px 4px 4px 4px rgb(114, 45,  
122) }
```

# Background

The CSS property to change the background color of an element to Android 4285672826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 45, 122) }
```

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

```
.background{ background-color: rgb(114, 45,  
122) }
```

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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