

# Converting Colors

Android(4285864299)

Have a look what the booklet for  
Android(4285864299) contains.

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# Color

**Android(4285864299)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	75196B
RGB	117, 25, 107
RGB Percent	46%, 10%, 42%
CMY	0.5412, 0.9020, 0.5804
CMYK	0.00, 0.79, 0.09, 0.54
HSL	307°, 65%, 28%
HSV	307°, 79%, 46%
XYZ	10.3376, 5.5387, 14.4341
YIQ	61.8560, 28.5100, 45.0060

# Conversions

## Conversions Part 2

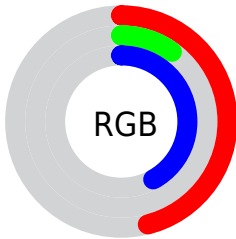
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 25, 107
Decimal	7674219
CIE <sub>Lab</sub>	28.22, 48.08, -25.74
CIE <sub>LCh</sub>	28, 54.534, 331.835
Yxy	5.5387, 0.3411, 0.1827
Android (android.graphics.Color)	4285864299 (0xFF75196B)
YUV	61.8560, 22.2560, 48.3613
Hunter-Lab	23.5345, 37.2214, -19.8896

# Details

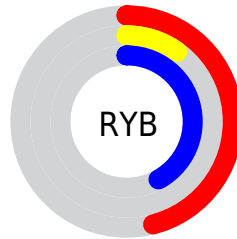
The Android color **4285864299** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **4279858467**, and the grayscale version is **4282269246**.

A 20% lighter version of the original color is **4289482911**, and **4282449979** is the 20% darker color. If you saturate the color by 10%, you get **4285861226**, and if you desaturate by 10%, it is **4285867372**.

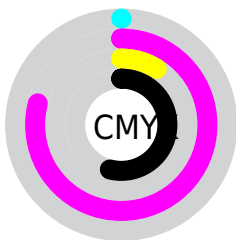
# Distribution



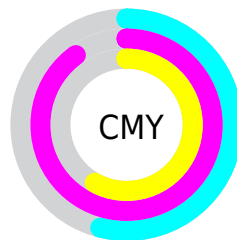
- Red (46%)
- Green (10%)
- Blue (42%)



- Red (46%)
- Yellow (10%)
- Blue (42%)



- Cyan (0%)
- Magenta (79%)
- Yellow (9%)
- Black (54%)



- Cyan (54%)
- Magenta (90%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285864299 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 4285864299 by changing the saturation by 10% instead.



 4285864299


 4285864299

4294967295

 4284153939

 4289482911

 4282449979

 4291324602

 4280942629

 4293232086

 4278190349

 4294942962

 4278190080

 4294950143

 4294957567

 4294964991

 4285864299

 4285864299

■ 4285861226

■ 4285867372

■ 4285858408

■ 4285870190

■ 4285857896

■ 4285873263

■ 4285876336

■ 4285879153

■ 4285882227

■ 4285885300

■ 4285888373

■ 4285891190

# Harmonies

## Analogous

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



4282332811



4285864299



4287168578

# Triad

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



4285864299



4283449856



4278211694

# Complementary

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



4285864299



4279858467

# 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.



4278211652



4285864299



4280634368

# Square

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



4285864299



4285607936



4278210839



4278210957

# Rectangle

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



4285864299



4287169831



4278210839



4278211681



# Sweetspot

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



4285864299



4288246933



4280424821



4283250250



4291611852



4283256141



# Same Dimension

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



4285864299



4288219529



4285864254



4282070330



4286185581



4294574303



# Inverse Universe

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



4285864299



4288219529



4279858512



4282070330



4286185581

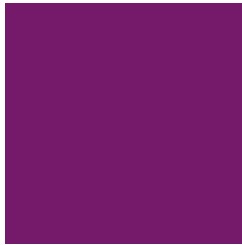


4294574303



# Previews

## White Background



This preview shows how the Android color 4285864299 looks on a white background.

## Color Contrast Check

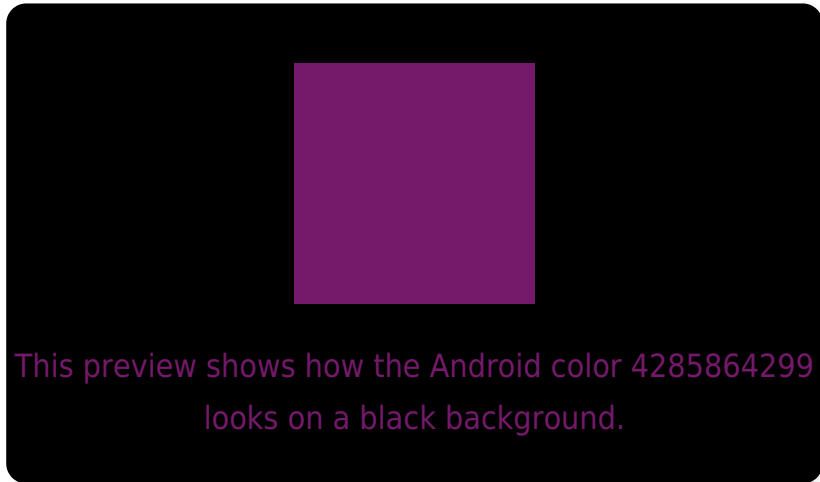
Large Text (above 18pt) WCAG AA ✓ Pass

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

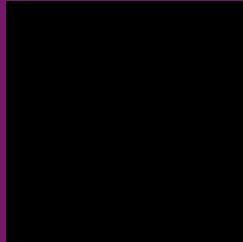
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4285864299 Background



This preview shows how black text looks on a background with the Android color 4285864299.



This preview shows how white text looks on a background with the Android color 4285864299.

# 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**  
4285864299

**Protanopia**  
4278207116

**Deuteranopia**  
4281746533



# Trichromacy



**Original Color**  
4285864299

**Protanomaly**  
4281021312

**Deuteranomaly**  
4283249767

**Tritanomaly**  
4285605703

# Monochromacy



**Original Color**  
4285864299

**Achromatopsia**  
4282269246

**Achromatomaly**  
4283576654

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285864299 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, 25, 107)` looks like.

```
.text, #text, p{  
    color:rgb(117, 25, 107)  
}
```

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, 25, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 25, 107) }
```

## Border

The CSS property to change the border of an element to Android 4285864299 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, 25, 107) }
```

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

```
.border{ border-color:rgb(117, 25, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 25, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 25, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 25, 107);  
box-shadow:4px 4px 4px 4px rgb(117, 25,  
107) }
```

# Background

The CSS property to change the background color of an element to Android 4285864299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 25, 107) }
```

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

```
.background{ background-color: rgb(117, 25,  
107) }
```

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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