

# Converting Colors

Android(4285877941)

Have a look what the booklet for  
Android(4285877941) contains.

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# Color

**Android(4285877941)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	754EB5
RGB	117, 78, 181
RGB Percent	46%, 31%, 71%
CMY	0.5412, 0.6941, 0.2902
CMYK	0.35, 0.57, 0.00, 0.29
HSL	263°, 41%, 51%
HSV	263°, 57%, 71%
XYZ	18.4010, 12.5669, 45.1719
YIQ	101.4030, -9.8190, 40.3010

# Conversions

## Conversions Part 2

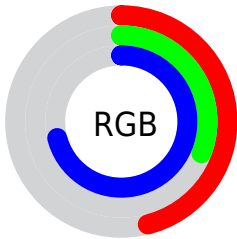
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 78, 181
Decimal	7687861
CIE <sub>Lab</sub>	42.10, 38.80, -48.99
CIE <sub>LCh</sub>	42, 62.493, 308.383
Yxy	12.5669, 0.2417, 0.1651
Android (android.graphics.Color)	4285877941 (0xFF754EB5)
YUV	101.4030, 39.2413, 13.6786
Hunter-Lab	35.4498, 30.6172, -50.7354

# Details

The Android color `4285877941` is a dark color, and the websafe version is hex `663399`. A complement of this color would be `4287542606`, and the grayscale version is `4284835173`.

A 20% lighter version of the original color is `4289495278`, and `4282326655` is the 20% darker color. If you saturate the color by 10%, you get `4285152437`, and if you desaturate by 10%, it is `4286603445`.

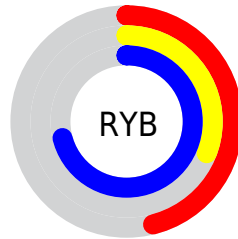
# Distribution



Red (46%)

Green (31%)

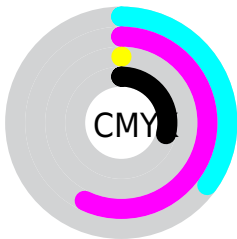
Blue (71%)



Red (46%)

Yellow (31%)

Blue (71%)

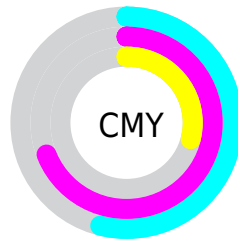


Cyan (35%)

Magenta (57%)

Yellow (0%)

Black (29%)



Cyan (54%)

Magenta (69%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285877941 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 4285877941 by changing the saturation by 10% instead.



■ 4285877941

■ 4285877941

4294967295

■ 4284102298

■ 4289495278

■ 4282326655

■ 4291402751

■ 4280419942

■ 4293310207

■ 4278321229

■ 4294955775

■ 4278190389

■ 4294963199

■ 4278190623

■ 4278190082

■ 4278190080

■ 4285877941

■ 4285877941

4285152437

4286603445

4284426933

4287328949

4283635893

4288119989

4282910389

4288845493

4282712245

4289571253

4290296757

4291087797

4291813301

4292538805

# Harmonies

## Analogous

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



4278216138



4285877941



4289343626

# Triad

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



4285877941



4288041728



4278221425

# Complementary

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



4285877941



4287542606

# 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.



4278220603



4285877941



4285294080

# Square

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



4285877941



4289935398



4281495808



4278221219

# Rectangle

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



4285877941



4290388584



4281495808



4278221151



# Sweetspot

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



4285877941



4292002795



4283338677



4284964469



4294309365



4285887861



# Same Dimension

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



4285877941



4287056875



4289154741



4283715673



4281991321



4278845466



# Inverse Universe

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



4290072206



4293610414



4284265806



4284043350



4288217183



4279894032



# Previews

## White Background



This preview shows how the Android color 4285877941 looks on a white background.

## Color Contrast Check

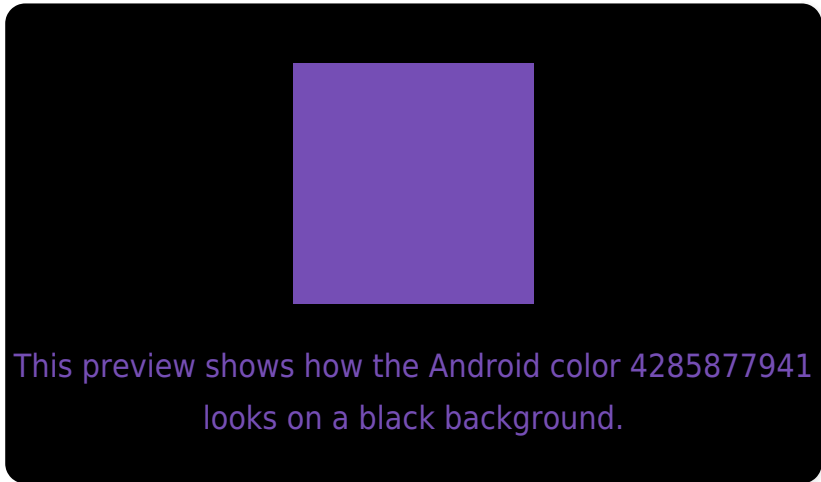
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285877941 Background



This preview shows how black text looks on a background with the Android color 4285877941.



This preview shows how white text looks on a background with the Android color 4285877941.

# 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**  
4285877941

**Protanopia**  
4279984328

**Deuteranopia**  
4280182192



**Tritanopia**  
4284834410

# Trichromacy



**Original Color**  
4285877941

**Protanomaly**  
4282145217

**Deuteranomaly**  
4282277298

**Tritanomaly**  
4285225861

# Monochromacy



**Original Color**  
4285877941

**Achromatopsia**  
4284835173

**Achromatomaly**  
4285226370

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285877941 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, 78, 181)` looks like.

```
.text, #text, p{  
    color:rgb(117, 78, 181)  
}
```

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, 78, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 78, 181) }
```

## Border

The CSS property to change the border of an element to Android 4285877941 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, 78, 181) }
```

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

```
.border{ border-color:rgb(117, 78, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 78, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 78, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 78, 181); box-shadow:4px 4px 4px 4px rgb(117, 78, 181) }
```

# Background

The CSS property to change the background color of an element to Android 4285877941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 78, 181) }
```

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

```
.background{ background-color: rgb(117, 78,  
181) }
```

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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