

# Converting Colors

Android(4285680801)

Have a look what the booklet for  
Android(4285680801) contains.

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# Color

**Android(4285680801)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	724CA1
RGB	114, 76, 161
RGB Percent	45%, 30%, 63%
CMY	0.5529, 0.7020, 0.3686
CMYK	0.29, 0.53, 0.00, 0.37
HSL	267°, 36%, 46%
HSV	267°, 53%, 63%
XYZ	15.9569, 11.3195, 35.0621
YIQ	97.0520, -4.6370, 34.4910

# Conversions

## Conversions Part 2

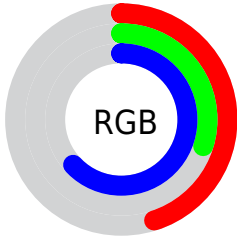
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 76, 161
Decimal	7490721
CIELab	40.11, 33.96, -40.34
CIELCh	40, 52.730, 310.095
Yxy	11.3195, 0.2560, 0.1816
Android (android.graphics.Color)	4285680801 (0xFF724CA1)
YUV	97.0520, 31.5264, 14.8634
Hunter-Lab	33.6445, 25.7812, -38.2371

# Details

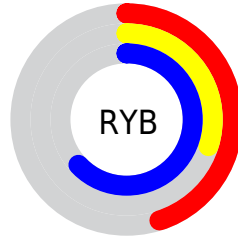
The Android color `4285680801` is a dark color, and the websafe version is hex `663399`. A complement of this color would be `4286292300`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4289232600`, and `4282260845` is the 20% darker color. If you saturate the color by 10%, you get `4285086881`, and if you desaturate by 10%, it is `4286274721`.

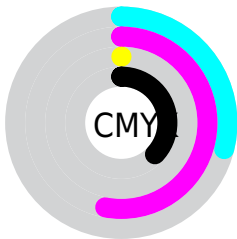
# Distribution



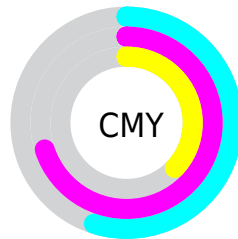
- Red (45%)
- Green (30%)
- Blue (63%)



- Red (45%)
- Yellow (30%)
- Blue (63%)



- Cyan (29%)
- Magenta (53%)
- Yellow (0%)
- Black (37%)



- Cyan (55%)
- Magenta (70%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285680801 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 4285680801 by changing the saturation by 10% instead.





4285680801



4285680801

4294967295



4283970694



4289232600



4282260845



4291074293



4280550996



4292981759



4279304252



4294889471



4278190630



4294962431



4278190350



4278190080



4285680801



4285680801



4285086881



4286274721

4284492961

4286868641

4283899041

4287462561

4283305121

4288056481

4282908833

4288650401

4289179041

4289772961

4290366881

4290960801

# Harmonies

## Analogous

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



4278214580



4285680801



4288427901

# Triad

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



4285680801



4287189504



4278219372

# Complementary

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



4285680801



4286292300

# 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.



4278218815



4285680801



4284834048

# Square

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



4285680801



4288822825



4281690899



4278219157

# Rectangle

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



4285680801



4289278048



4281690899



4278219357



# Sweetspot

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



4285680801



4290752721



4283202721



4284372329



4293454056



4285098345



# Same Dimension

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



4285680801



4287122897



4288367777



4283255122



4282450065



4278714386



# Inverse Universe

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



4288760955



4291906966



4283605324



4283582798



4287692880

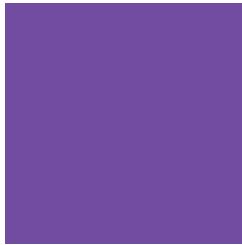


4279369738



# Previews

## White Background



This preview shows how the Android color 4285680801 looks on a white background.

## Color Contrast Check

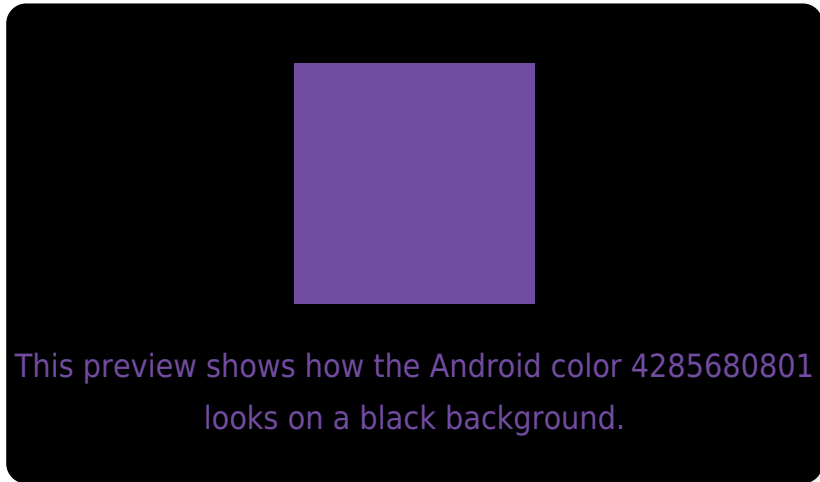
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285680801 Background



This preview shows how black text looks on a background with the Android color 4285680801.



This preview shows how white text looks on a background with the Android color 4285680801.

# 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**  
4285680801

**Protanomaly**  
4282996395

**Deuteranomaly**  
4283193502

**Tritanomaly**  
4285159034

# Monochromacy



**Original Color**  
4285680801

**Achromatopsia**  
4284572001

**Achromatomaly**  
4284963192

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285680801 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, 76, 161)` looks like.

```
.text, #text, p{  
    color:rgb(114, 76, 161)  
}
```

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, 76, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 76, 161) }
```

## Border

The CSS property to change the border of an element to Android 4285680801 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, 76, 161) }
```

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

```
.border{ border-color:rgb(114, 76, 161) }
```

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

Here you see how a box with a 4 pixel rgb(114, 76, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 76, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 76, 161);  
box-shadow:4px 4px 4px 4px rgb(114, 76,  
161) }
```

# Background

The CSS property to change the background color of an element to Android 4285680801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 76, 161) }
```

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

```
.background{ background-color: rgb(114, 76,  
161) }
```

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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