

# Converting Colors

Android(4285530236)

Have a look what the booklet for  
Android(4285530236) contains.

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**Color**

**Android(4285530236)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	70007C
RGB	112, 0, 124
RGB Percent	44%, 0%, 49%
CMY	0.5608, 1.0000, 0.5137
CMYK	0.10, 1.00, 0.00, 0.51
HSL	294°, 100%, 24%
HSV	294°, 100%, 49%
XYZ	10.3202, 4.9000, 19.4706
YIQ	47.6240, 26.9480, 62.3080

# Conversions

## Conversions Part 2

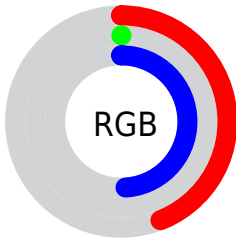
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 0, 124
Decimal	7340156
CIELab	26.45, 55.57, -39.49
CIElCh	26, 68.174, 324.600
Yxy	4.9000, 0.2975, 0.1412
Android (android.graphics.Color)	4285530236 (0xFF70007C)
YUV	47.6240, 37.6534, 56.4578
Hunter-Lab	22.1359, 44.4823, -36.6561

# Details

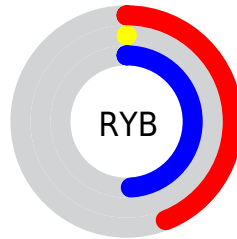
The Android color **4285530236** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **4279008256**, and the grayscale version is **4281282351**.

A 20% lighter version of the original color is **4289152177**, and **4282056778** is the 20% darker color. If you saturate the color by 10%, you get **4285530236**, and if you desaturate by 10%, it is **4285598844**.

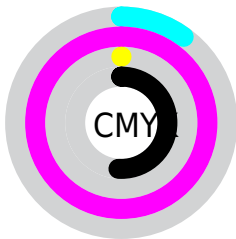
# Distribution



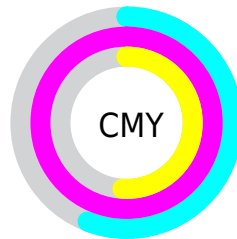
- Red (44%)
- Green (0%)
- Blue (49%)



- Red (44%)
- Yellow (0%)
- Blue (49%)



- Cyan (10%)
- Magenta (100%)
- Yellow (0%)
- Black (51%)



- Cyan (56%)
- Magenta (100%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285530236 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 4285530236 by changing the saturation by 10% instead.



 4285530236

 4285530236

4294967295

 4283760739

 4289152177

 4282056778

 4291059661

 4280483891

 4292967145

 4278190621

 4294874879

 4278190080

 4294947583

 4294954751

 4294962175

 4285530236

■ 4285598844

■ 4285667708

■ 4285801852

■ 4285870716

■ 4285939324

■ 4286007932

■ 4286076796

■ 4286210940

■ 4286279804

# Harmonies

## Analogous

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



4278204064



4285530236



4287627338

# Triad

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



4285530236



4283841024



4278211177

# Complementary

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



4285530236



4279008256

# 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.



4278210867



4285530236



4280436736

# Square

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



4285530236



4286192384



4278210048



4278210964

# Rectangle

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



4285530236



4287823913



4278210048



4278211160



# Sweetspot

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



4285530236



4288442529



4278193276



4283380818



4291940817



4283585106



# Same Dimension

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



4285530236



4287692961



4286316618



4282201917



4285595773



4293132540



# Inverse Universe

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



4286316556



4288741392



4278221874



4282201912



4286382092



4294705176



# Previews

## White Background



This preview shows how the Android color 4285530236 looks on a white background.

## Color Contrast Check

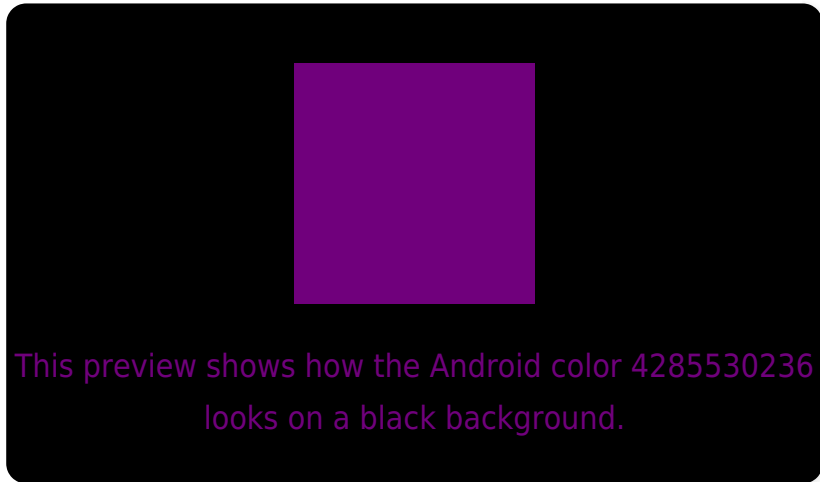
Large Text (above 18pt) WCAG AA ✓ Pass

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

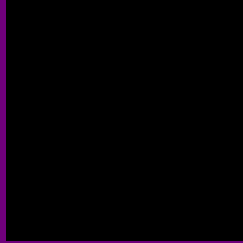
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4285530236 Background



This preview shows how black text looks on a background with the Android color 4285530236.



This preview shows how white text looks on a background with the Android color 4285530236.

# 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**  
4285530236

**Protanopia**  
4278206599

**Deuteranopia**  
4279583605



# Trichromacy



**Original Color**  
4285530236

**Protanomaly**  
4280887683

**Deuteranomaly**  
4281740152

**Tritanomaly**  
4285144910

# Monochromacy



**Original Color**  
4285530236

**Achromatopsia**  
4281348144

**Achromatomaly**  
4282851148

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285530236 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(112, 0, 124)` looks like.

```
.text, #text, p{  
    color:rgb(112, 0, 124)  
}
```

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(112, 0, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 0, 124) }
```

## Border

The CSS property to change the border of an element to Android 4285530236 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(112, 0, 124) }
```

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

```
.border{ border-color:rgb(112, 0, 124) }
```

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

Here you see how a box with a 4 pixel rgb(112, 0, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 0, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 0, 124);  
box-shadow:4px 4px 4px 4px rgb(112, 0,  
124) }
```

# Background

The CSS property to change the background color of an element to Android 4285530236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 0, 124) }
```

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

```
.background{ background-color: rgb(112, 0,  
124) }
```

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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