

# Converting Colors

Android(4285137040)

Have a look what the booklet for  
Android(4285137040) contains.

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# Color

**Android(4285137040)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A0090
RGB	106, 0, 144
RGB Percent	42%, 0%, 56%
CMY	0.5843, 1.0000, 0.4353
CMYK	0.26, 1.00, 0.00, 0.44
HSL	284°, 100%, 28%
HSV	284°, 100%, 56%
XYZ	10.9779, 5.0778, 26.7871
YIQ	48.1100, 16.9520, 67.2560

# Conversions

## Conversions Part 2

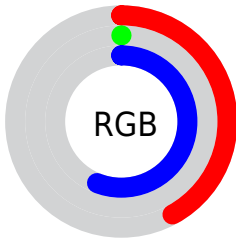
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 0, 144
Decimal	6946960
CIELab	26.96, 58.35, -51.26
CIElCh	27, 77.665, 318.700
Yxy	5.0778, 0.2562, 0.1185
Android (android.graphics.Color)	4285137040 (0xFF6A0090)
YUV	48.1100, 47.2738, 50.7695
Hunter-Lab	22.5339, 47.5257, -54.7068

# Details

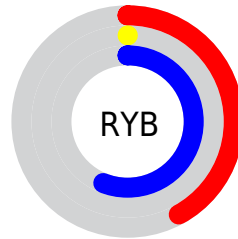
The Android color **4285137040** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4280717312**, and the grayscale version is **4281348144**.

A 20% lighter version of the original color is **4288824775**, and **4281532508** is the 20% darker color. If you saturate the color by 10%, you get **4285137040**, and if you desaturate by 10%, it is **4285402768**.

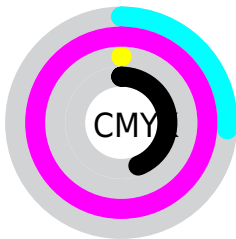
# Distribution



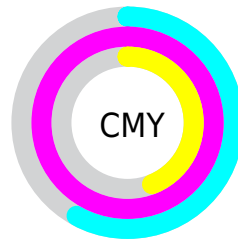
- Red (42%)
- Green (0%)
- Blue (56%)



- Red (42%)
- Yellow (0%)
- Blue (56%)



- Cyan (26%)
- Magenta (100%)
- Yellow (0%)
- Black (44%)



- Cyan (58%)
- Magenta (100%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285137040 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 4285137040 by changing the saturation by 10% instead.



 4285137040

 4285137040

4294967295

 4283367542

 4288824775

 4281532508

 4290666723

 4279828548

 4292639743

 4278190637

 4294547199

 4278190359

 4294947583

 4278190080

 4294955007

 4294962431

 4285137040

■ 4285402768

■ 4285668752

■ 4285868944

■ 4286134928

■ 4286400656

■ 4286666384

■ 4286932368

■ 4287132560

■ 4287398544

# Harmonies

## Analogous

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



4278205620



4285137040



4288151641

# Triad

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



4285137040



4284560640



4278211941

# Complementary

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



4285137040



4280717312

# 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.



4278211366



4285137040



4280961024

# Square

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



4285137040



4287102976



4278210560



4278211994

# Rectangle

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



4285137040



4288610354



4278210560



4278211664



# Sweetspot

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



4285137040



4289430202



4278199952



4283776094



4292796126



4284374622



# Same Dimension

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



4285137040



4287168698



4287627374



4282794055



4284678279



4278583304



# Inverse Universe

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



4287627302



4290379825



4278226978



4282859586



4287037476



4278714370



# Previews

## White Background



This preview shows how the Android color 4285137040 looks on a white background.

## Color Contrast Check

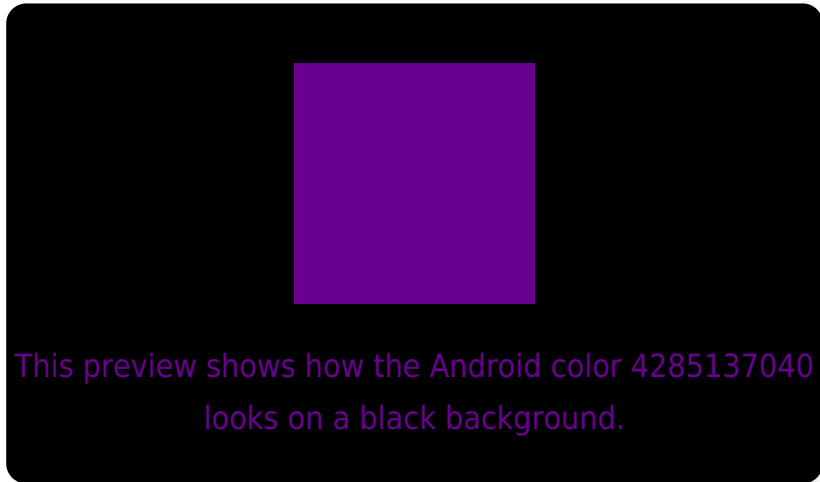
Large Text (above 18pt) WCAG AA ✓ Pass

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

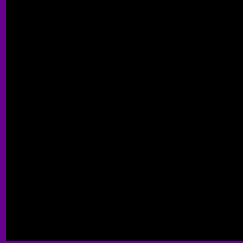
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4285137040 Background



This preview shows how black text looks on a background with the Android color 4285137040.



This preview shows how white text looks on a background with the Android color 4285137040.

# 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**  
4285137040

**Protanopia**  
4278206856

**Deuteranopia**  
4278207862



# Trichromacy



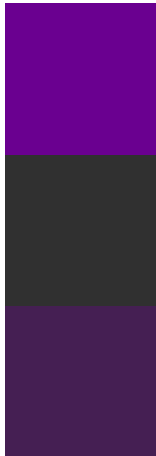
**Original Color**  
4285137040

**Protanomaly**  
4280756619

**Deuteranomaly**  
4280757375

**Tritanomaly**  
4284621915

# Monochromacy



**Original Color**  
4285137040

**Achromatopsia**  
4281348144

**Achromatomaly**  
4282720083

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285137040 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(106, 0, 144)` looks like.

```
.text, #text, p{  
    color:rgb(106, 0, 144)  
}
```

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(106, 0, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 0, 144) }
```

## Border

The CSS property to change the border of an element to Android 4285137040 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(106, 0, 144) }
```

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

```
.border{ border-color:rgb(106, 0, 144) }
```

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

Here you see how a box with a 4 pixel rgb(106, 0, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 0, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 0, 144);  
box-shadow:4px 4px 4px 4px rgb(106, 0,  
144) }
```

# Background

The CSS property to change the background color of an element to Android 4285137040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 0, 144) }
```

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

```
.background{ background-color: rgb(106, 0,  
144) }
```

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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