

# Converting Colors

Android(4284944740)

Have a look what the booklet for  
Android(4284944740) contains.

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# Color

**Android(4284944740)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	671164
RGB	103, 17, 100
RGB Percent	40%, 7%, 39%
CMY	0.5961, 0.9333, 0.6078
CMYK	0.00, 0.83, 0.03, 0.60
HSL	302°, 72%, 24%
HSV	302°, 83%, 40%
XYZ	8.0942, 4.2046, 12.4415
YIQ	52.1760, 24.6130, 44.0450

# Conversions

## Conversions Part 2

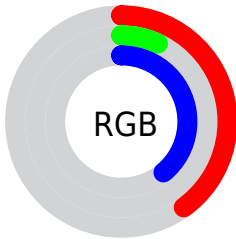
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 17, 100
Decimal	6754660
CIE <sub>Lab</sub>	24.34, 46.12, -27.51
CIE <sub>LCh</sub>	24, 53.695, 329.186
Yxy	4.2046, 0.3272, 0.1699
Android (android.graphics.Color)	4284944740 (0xFF671164)
YUV	52.1760, 23.5772, 44.5726
Hunter-Lab	20.5050, 34.5778, -21.6210

# Details

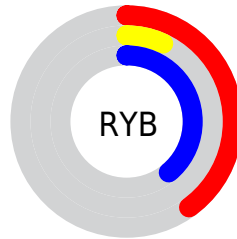
The Android color **4284944740** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **4279330580**, and the grayscale version is **4281611316**.

A 20% lighter version of the original color is **4288497815**, and **4281663541** is the 20% darker color. If you saturate the color by 10%, you get **4284942180**, and if you desaturate by 10%, it is **4284947300**.

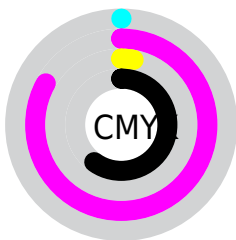
# Distribution



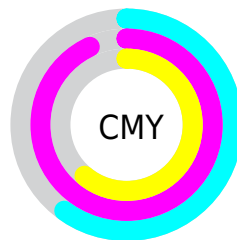
- Red (40%)
- Green (7%)
- Blue (39%)



- Red (40%)
- Yellow (7%)
- Blue (39%)



- Cyan (0%)
- Magenta (83%)
- Yellow (3%)
- Black (60%)



- Cyan (60%)
- Magenta (93%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284944740 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 4284944740 by changing the saturation by 10% instead.



 4284944740

 4284944740

4294967295

 4283236428

 4288497815

 4281663541

 4290339506

 4279959583

 4292181454

 4278190081

 4294088938

 4278190080

 4294947839

 4294955007

 4294962431

 4284944740

 4284944740

■ 4284942180

■ 4284947300

■ 4284940387

■ 4284950117

■ 4284952677

■ 4284955237

■ 4284958054

■ 4284960614

■ 4284963175

■ 4284965735

■ 4284968551

# Harmonies

## Analogous

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



4281085826



4284944740



4286316605

# Triad

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



4284944740



4282988544



4278209121

# Complementary

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



4284944740



4279330580

# 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.



4278209080



4284944740



4280304128

# Square

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



4284944740



4284949760



4278208522



4278208640

# Rectangle

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



4284944740



4286382114



4278208522



4278209108



# Sweetspot

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



4284944740



4287063430



4279505255



4282724420



4291085508



4282729797



# Same Dimension

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



4284944740



4287037570



4284944697



4281544243



4285726831



4294050026



# Inverse Universe

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



4284944740



4287037570



4279330623



4281544243



4285726831

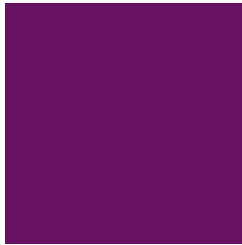


4294050026



# Previews

## White Background



This preview shows how the Android color 4284944740 looks on a white background.

## Color Contrast Check

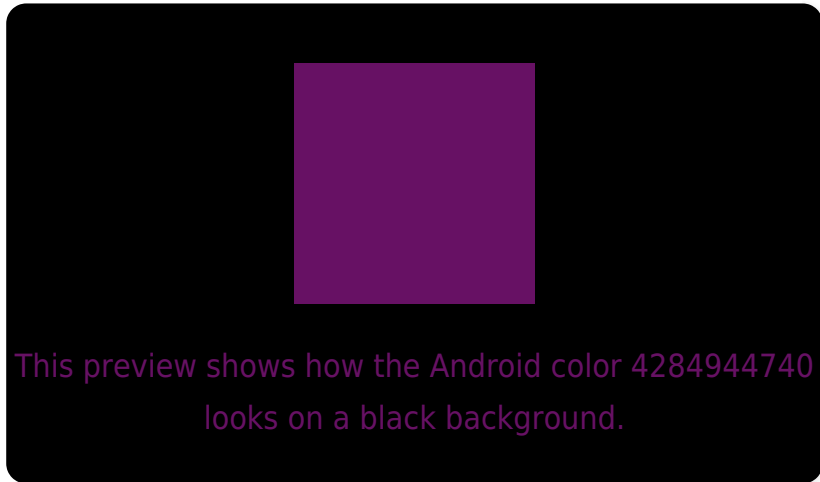
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284944740 Background



This preview shows how black text looks on a background with the Android color 4284944740.



This preview shows how white text looks on a background with the Android color 4284944740.

# 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**

4284944740

**Protanopia**

4278205050

**Deuteranopia**

4280892510



# Trichromacy



**Original Color**  
4284944740

**Protanomaly**  
4280626034

**Deuteranomaly**  
4282395744

**Tritanomaly**  
4284686656

# Monochromacy



**Original Color**  
4284944740

**Achromatopsia**  
4281611316

**Achromatomaly**  
4282853189

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284944740 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(103, 17, 100)` looks like.

```
.text, #text, p{  
    color:rgb(103, 17, 100)  
}
```

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(103, 17, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 17, 100) }
```

## Border

The CSS property to change the border of an element to Android 4284944740 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(103, 17, 100) }
```

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

```
.border{ border-color:rgb(103, 17, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 17, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 17, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 17, 100);  
box-shadow:4px 4px 4px 4px rgb(103, 17,  
100) }
```

# Background

The CSS property to change the background color of an element to Android 4284944740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 17, 100) }
```

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

```
.background{ background-color: rgb(103, 17,  
100) }
```

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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