

# Converting Colors

Android(4285424040)

Have a look what the booklet for  
Android(4285424040) contains.

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# Color

**Android(4285424040)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E61A8
RGB	110, 97, 168
RGB Percent	43%, 38%, 66%
CMY	0.5686, 0.6196, 0.3412
CMYK	0.35, 0.42, 0.00, 0.34
HSL	251°, 29%, 52%
HSV	251°, 42%, 66%
XYZ	17.7730, 14.6915, 38.9448
YIQ	108.9810, -15.0430, 24.8370

# Conversions

## Conversions Part 2

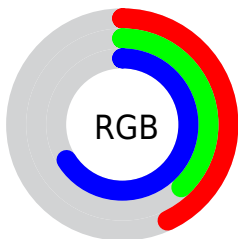
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 97, 168
Decimal	7233960
CIE <sub>Lab</sub>	45.21, 22.09, -36.44
CIE <sub>LCh</sub>	45, 42.609, 301.225
Yxy	14.6915, 0.2489, 0.2057
Android (android.graphics.Color)	4285424040 (0xFF6E61A8)
YUV	108.9810, 29.0964, 0.8937
Hunter-Lab	38.3295, 15.6918, -33.4110

# Details

The Android color `4285424040` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4288391265`, and the grayscale version is `4285361517`.

A 20% lighter version of the original color is `4288976096`, and `4282069619` is the 20% darker color. If you saturate the color by 10%, you get `4284502184`, and if you desaturate by 10%, it is `4286345896`.

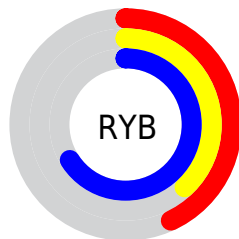
# Distribution



Red (43%)

Green (38%)

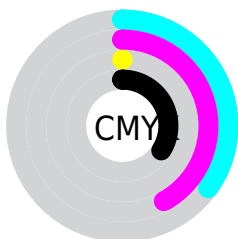
Blue (66%)



Red (43%)

Yellow (38%)

Blue (66%)

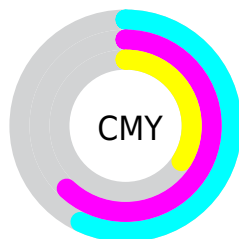


Cyan (35%)

Magenta (42%)

Yellow (0%)

Black (34%)



Cyan (57%)

Magenta (62%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285424040 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 4285424040 by changing the saturation by 10% instead.



■ 4285424040

■ 4285424040

4294967295

■ 4283713933

■ 4288976096

■ 4282069619

■ 4290752252

■ 4280360282

■ 4292659967

■ 4278388547

■ 4294567679

■ 4278190636

■ 4278190358

■ 4278190080

■ 4285424040

■ 4285424040

■ 4284502184

■ 4286345896

■ 4283645864

■ 4287202216

■ 4282724264

■ 4288123816

■ 4281802408

■ 4289045672

■ 4280880552

■ 4289967528

■ 4280221864

■ 4290823848

■ 4291745704

■ 4292667304

■ 4293589160

# Harmonies

## Analogous

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



4279987890



4285424040



4288107406

# Triad

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



4285424040



4288240684



4278221931

# Complementary

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



4285424040



4288391265

# 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.



4280646215



4285424040



4286409247

# Square

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



4285424040



4289351752



4284052522



4278221967

# Rectangle

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



4285424040



4289154167



4284052522



4278221919



# Sweetspot

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



4285424040



4291084251



4284587176



4284439662



4293783021



4285427310



# Same Dimension

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



4285424040



4286606299



4287652264



4283255892



4279959700



4278452244



# Inverse Universe

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



4289225115



4292570055



4286163041



4283714643



4287889529



4279500817



# Previews

## White Background



This preview shows how the Android color 4285424040 looks on a white background.

## Color Contrast Check

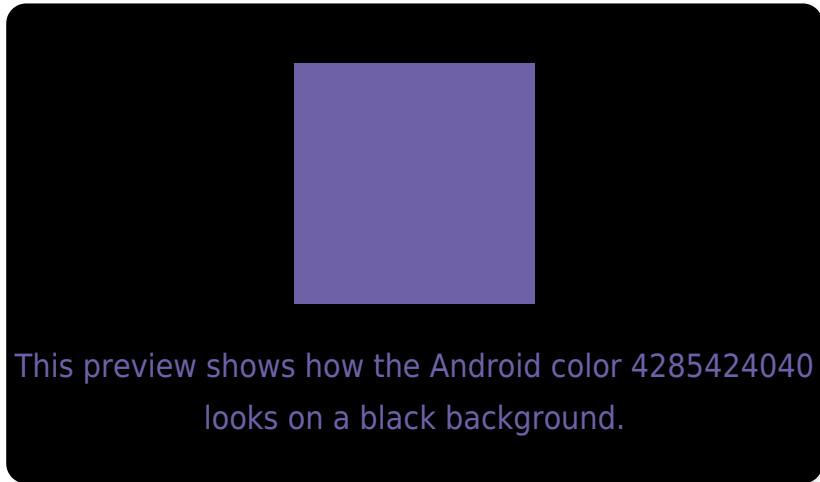
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285424040 Background



This preview shows how black text looks on a background with the Android color 4285424040.

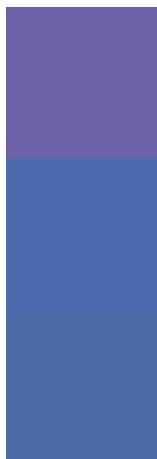


This preview shows how white text looks on a background with the Android color 4285424040.

# 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**  
4285424040

**Protanopia**  
4283394479

**Deuteranopia**  
4283263910



# Trichromacy



**Original Color**

4285424040

**Protanomaly**

4284114604

**Deuteranomaly**

4284049319

**Tritanomaly**

4284967048

# Monochromacy



**Original Color**

4285424040

**Achromatopsia**

4285361517

**Achromatomaly**

4285360514

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285424040 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(110, 97, 168)` looks like.

```
.text, #text, p{  
    color:rgb(110, 97, 168)  
}
```

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(110, 97, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 97, 168) }
```

## Border

The CSS property to change the border of an element to Android 4285424040 is called "border". The border property can be set on classes, ids or directly on the HTML element.

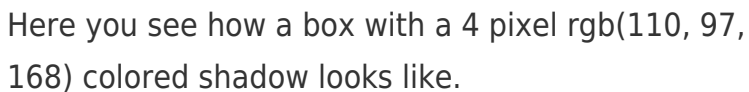
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 97, 168) }
```

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

```
.border{ border-color:rgb(110, 97, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 97, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 97, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 97, 168); box-shadow:4px 4px 4px 4px rgb(110, 97, 168) }
```

# Background

The CSS property to change the background color of an element to Android 4285424040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 97, 168) }
```

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

```
.background{ background-color: rgb(110, 97,  
168) }
```

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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