

# Converting Colors

Android(4285412259)

Have a look what the booklet for  
Android(4285412259) contains.

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# Color

**Android(4285412259)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E33A3
RGB	110, 51, 163
RGB Percent	43%, 20%, 64%
CMY	0.5686, 0.8000, 0.3608
CMYK	0.33, 0.69, 0.00, 0.36
HSL	272°, 52%, 42%
HSV	272°, 69%, 64%
XYZ	14.2251, 8.3270, 35.5079
YIQ	81.4090, -0.7880, 47.3400

# Conversions

## Conversions Part 2

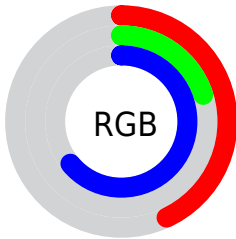
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 51, 163
Decimal	7222179
CIE <sub>Lab</sub>	34.65, 47.13, -50.33
CIE <sub>LCh</sub>	35, 68.947, 313.119
Yxy	8.3270, 0.2450, 0.1434
Android (android.graphics.Color)	4285412259 (0xFF6E33A3)
YUV	81.4090, 40.2244, 25.0743
Hunter-Lab	28.8565, 37.4943, -52.7566

# Details

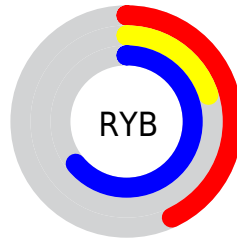
The Android color **4285412259** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4285047603**, and the grayscale version is **4283519313**.

A 20% lighter version of the original color is **4289029851**, and **4281860206** is the 20% darker color. If you saturate the color by 10%, you get **4284883875**, and if you desaturate by 10%, it is **4285940643**.

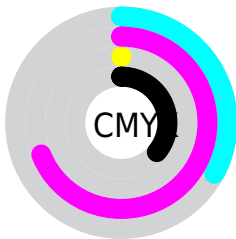
# Distribution



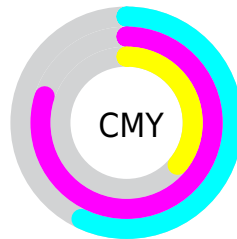
- Red (43%)
- Green (20%)
- Blue (64%)



- Red (43%)
- Yellow (20%)
- Blue (64%)



- Cyan (33%)
- Magenta (69%)
- Yellow (0%)
- Black (36%)



- Cyan (57%)
- Magenta (80%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285412259 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 4285412259 by changing the saturation by 10% instead.



 4285412259

 4285412259

4294967295

 4283636104

 4289029851

 4281860206

 4290937080

 4279959637

 4292844543

 4278190141

 4294751999

 4278190886

 4294955775

 4278190351

 4294963199

 4278190080

 4285412259

 4285412259

 4284883875

 4285940643

■ 4284420771

■ 4286403747

■ 4283892387

■ 4286932131

■ 4283826339

■ 4287460515

■ 4287989155

■ 4288452003

■ 4288980387

■ 4289508771

■ 4289971875

# Harmonies

## Analogous

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



4278211007



4285412259



4288741491

# Triad

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



4285412259



4286399232



4278216553

# Complementary

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



4285412259



4285047603

# 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.



4278216239



4285412259



4283389696

# Square

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



4285412259



4288618242



4278214912



4278216604

# Rectangle

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



4285412259



4289527886



4278214912



4278216534



# Sweetspot

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



4285412259



4290750420



4281559459



4284371051



4293651435



4285229931



# Same Dimension

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



4285412259



4286719700



4288885665



4283320658



4283236497



4278779922



# Inverse Universe

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



4288885608



4292093560



4281574197



4283582797



4287692869

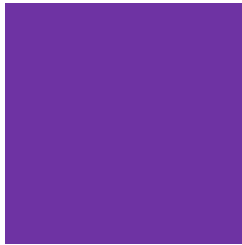


4279369736



# Previews

## White Background



This preview shows how the Android color 4285412259 looks on a white background.

## Color Contrast Check

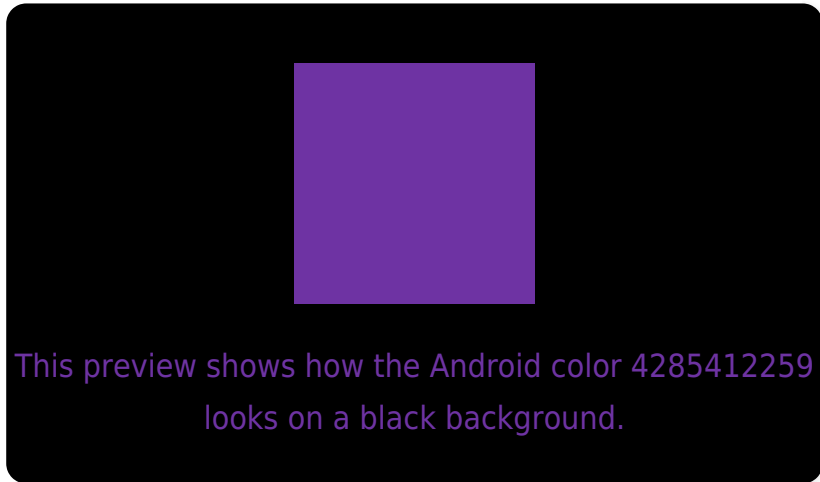
Large Text (above 18pt) WCAG AA ✓ Pass

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

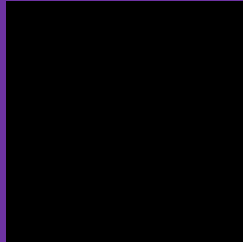
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4285412259 Background



This preview shows how black text looks on a background with the Android color 4285412259.



This preview shows how white text looks on a background with the Android color 4285412259.

# 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**

4285412259

**Protanopia**

4278210471

**Deuteranopia**

4278211730



# Trichromacy



**Original Color**  
4285412259

**Protanomaly**  
4280829350

**Deuteranomaly**  
4280830104

**Tritanomaly**  
4284761200

# Monochromacy



**Original Color**  
4285412259

**Achromatopsia**  
4283519313

**Achromatomaly**  
4284237423

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285412259 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, 51, 163)` looks like.

```
.text, #text, p{  
    color:rgb(110, 51, 163)  
}
```

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, 51, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 51, 163) }
```

## Border

The CSS property to change the border of an element to Android 4285412259 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, 51, 163) }
```

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

```
.border{ border-color:rgb(110, 51, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 51, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 51, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 51, 163); box-shadow:4px 4px 4px 4px rgb(110, 51, 163) }
```

# Background

The CSS property to change the background color of an element to Android 4285412259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 51, 163) }
```

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

```
.background{ background-color: rgb(110, 51,  
163) }
```

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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