

# Converting Colors

Android(4280904099)

Have a look what the booklet for  
Android(4280904099) contains.

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# Color

**Android(4280904099)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2969A3
RGB	41, 105, 163
RGB Percent	16%, 41%, 64%
CMY	0.8392, 0.5882, 0.3608
CMYK	0.75, 0.36, 0.00, 0.36
HSL	209°, 60%, 40%
HSV	209°, 75%, 64%
XYZ	12.5769, 13.2189, 36.5390
YIQ	92.4760, -56.7620, 4.4700

# Conversions

## Conversions Part 2

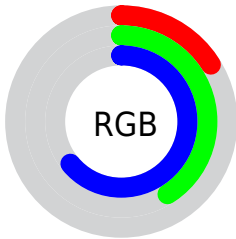
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 83, 163
Decimal	2714019
CIE <sub>Lab</sub>	43.09, 0.09, -37.10
CIE <sub>LCh</sub>	43, 37.102, 270.133
Yxy	13.2189, 0.2018, 0.2121
Android (android.graphics.Color)	4280904099 (0xFF2969A3)
YUV	92.4760, 34.7683, -45.1445
Hunter-Lab	36.3578, -1.8795, -34.1349

# Details

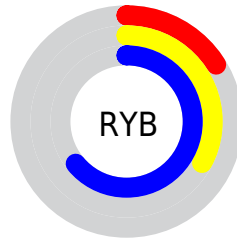
The Android color `4280904099` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288897833`, and the grayscale version is `4284243036`.

A 20% lighter version of the original color is `4284980442`, and `4278205039` is the 20% darker color. If you saturate the color by 10%, you get `4279853475`, and if you desaturate by 10%, it is `4281954723`.

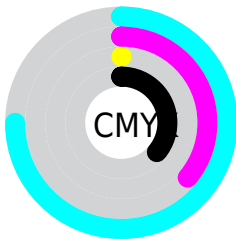
# Distribution



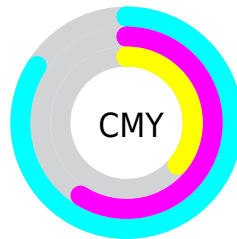
- Red (16%)
- Green (41%)
- Blue (64%)



- Red (16%)
- Yellow (33%)
- Blue (64%)



- Cyan (75%)
- Magenta (36%)
- Yellow (0%)
- Black (36%)



- Cyan (84%)
- Magenta (59%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280904099 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 4280904099 by changing the saturation by 10% instead.





4280904099



4280904099

4294967295



4278210952



4284980442



4278205039



4286887927



4278199638



4288729855



4278194238



4290637567



4278190888



4292542463



4278190354



4294508543



4278190080



4280904099



4280904099



4279853475



4281954723

■ 4278737571

■ 4283070627

■ 4278212259

■ 4284121251

■ 4285171875

■ 4286222499

■ 4287338403

■ 4288389027

■ 4289439651

■ 4290555811

# Harmonies

## Analogous

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



4278219162



4280904099



4284964507

# Triad

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



4280904099



4288499529



4281299782

# Complementary

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



4280904099



4288897833

# 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.



4283985198



4280904099



4287584561

# Square

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



4280904099



4288498535



4286014502



4278220133

# Rectangle

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



4280904099



4286731661



4286014502



4282347837



# Sweetspot

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



4280904099



4289052372



4280918882



4283391595



4293651435



4285229931



# Same Dimension

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



4280904099



4279597524



4280888739



4282994258



4278209681



4278192402



# Inverse Universe

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



4288883049



4292089209



4288913193



4283582798



4287692876



4279369737



# Previews

## White Background



This preview shows how the Android color 4280904099 looks on a white background.

## Color Contrast Check

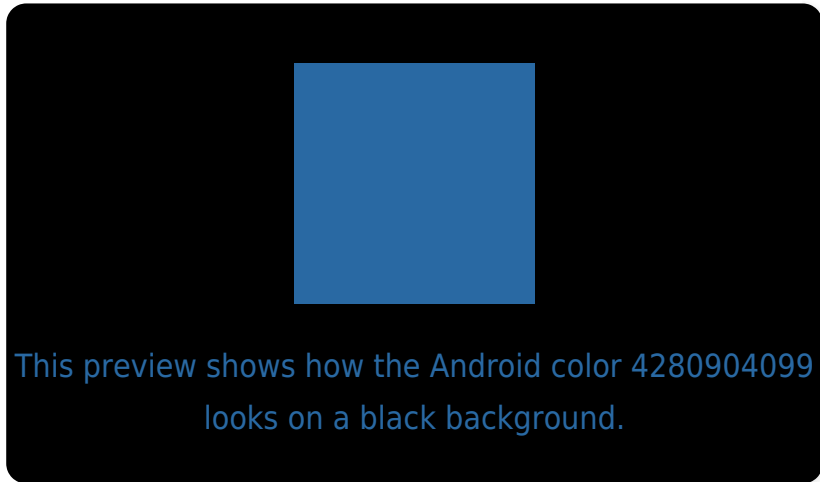
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280904099 Background



This preview shows how black text looks on a background with the Android color 4280904099.



This preview shows how white text looks on a background with the Android color 4280904099.

# 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**  
4280904099

**Protanopia**  
4283458462

**Deuteranopia**  
4282410660



# Trichromacy



**Original Color**  
4280904099

**Protanomaly**  
4282541472

**Deuteranomaly**  
4281886628

**Tritanomaly**  
4279201416

# Monochromacy



**Original Color**  
4280904099

**Achromatopsia**  
4284243036

**Achromatomaly**  
4282999158

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280904099 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(41, 105, 163)` looks like.

```
.text, #text, p{  
    color:rgb(41, 105, 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(41, 105, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 105, 163) }
```

## Border

The CSS property to change the border of an element to Android 4280904099 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(41, 105, 163) }
```

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

```
.border{ border-color:rgb(41, 105, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 105, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 105, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 105, 163);  
box-shadow:4px 4px 4px 4px rgb(41, 105,  
163) }
```

# Background

The CSS property to change the background color of an element to Android 4280904099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 105, 163) }
```

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

```
.background{ background-color: rgb(41, 105,  
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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