

# Converting Colors

Android(4278418633)

Have a look what the booklet for  
Android(4278418633) contains.

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# Color

**Android(4278418633)**

# Conversions

## Conversions Part 1

Format	Color
Hex	037CC9
RGB	3, 124, 201
RGB Percent	1%, 49%, 79%
CMY	0.9882, 0.5137, 0.2118
CMYK	0.99, 0.38, 0.00, 0.21
HSL	203°, 97%, 40%
HSV	203°, 99%, 79%
XYZ	17.7878, 18.6517, 57.9210
YIQ	96.5990, -96.8330, -1.7050

# Conversions

## Conversions Part 2

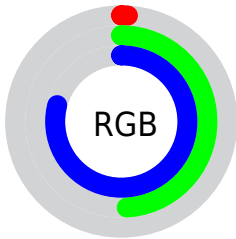
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 78, 201
Decimal	228553
CIELab	50.28, 0.32, -47.78
CIElCh	50, 47.782, 270.386
Yxy	18.6517, 0.1885, 0.1977
Android (android.graphics.Color)	4278418633 (0xFF037CC9)
YUV	96.5990, 51.4697, -82.0863
Hunter-Lab	43.1876, -2.0590, -49.2853

# Details

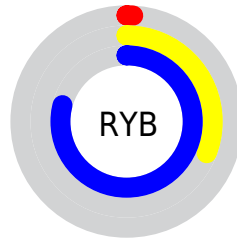
The Android color `4278418633` is a dark color, and the websafe version is hex `0099FF`. The color can be described as dark washed azure. A complement of this color would be `4291383299`, and the grayscale version is `4284506208`.

A 20% lighter version of the original color is `4284657919`, and `4278209682` is the 20% darker color. If you saturate the color by 10%, you get `4278221769`, and if you desaturate by 10%, it is `4279731401`.

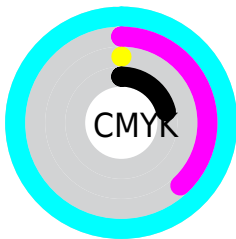
# Distribution



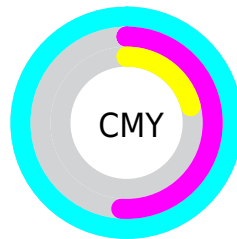
- Red (1%)
- Green (49%)
- Blue (79%)



- Red (1%)
- Yellow (31%)
- Blue (79%)



- Cyan (99%)
- Magenta (38%)
- Yellow (0%)
- Black (21%)



- Cyan (99%)
- Magenta (51%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278418633 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 4278418633 by changing the saturation by 10% instead.



 4278418633

 4278418633

4294967295

 4278215597

 4284657919

 4278209682

 4286761983

 4278204024

 4288800767

 4278198623

 4290772991

 4278192455

 4292804607

 4278191151

 4294770687

 4278190362

 4278190080

 4278418633

 4278418633

■ 4278221769

■ 4279731401

■ 4281044169

■ 4282356681

■ 4283669449

■ 4285047753

■ 4286360521

■ 4287673289

■ 4288986057

■ 4290298569

# Harmonies

## Analogous

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



4278224574



4278418633



4286148030

# Triad

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



4278418633



4290795601



4280846414

# Complementary

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



4278418633



4291383299

# 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.



4284776748



4278418633



4289553968

# Square

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



4278418633



4290794105



4287460896



4278225783

# Rectangle

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



4278418633



4288438700



4287460896



4282484289

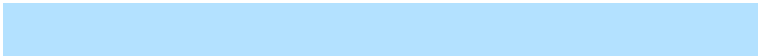


# Sweetspot

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



4278418633



4289978879



4278438223



4283592320



4278190080



4286611584



# Same Dimension

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



4278418633



4278230271



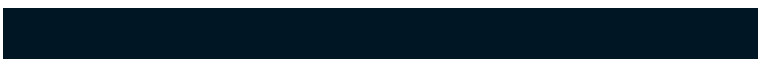
4278393545



4284112995



4278215843



4278195748



# Inverse Universe

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



4291363708



4294901916



4291408387



4284701280



4288872548



4280549398



# Previews

## White Background



This preview shows how the Android color 4278418633 looks on a white background.

## Color Contrast Check

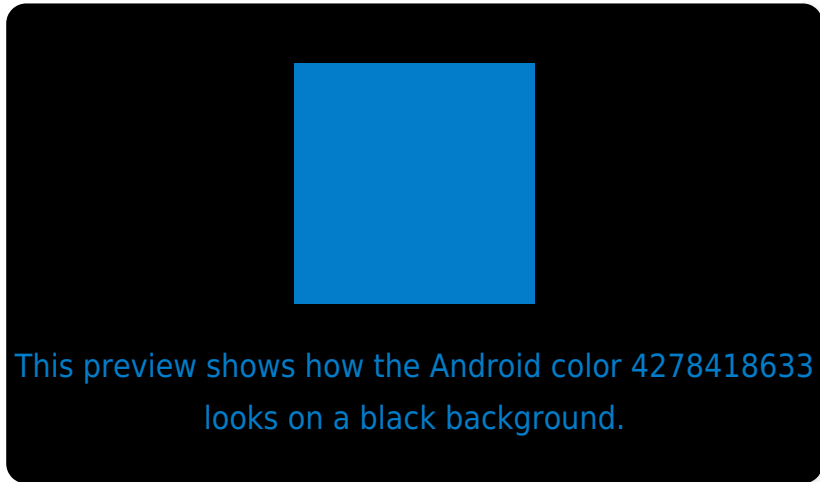
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black 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

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



# Android 4278418633 Background



This preview shows how black text looks on a background with the Android color 4278418633.



This preview shows how white text looks on a background with the Android color 4278418633.

# 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





# Trichromacy



**Original Color**  
4278418633

**Protanomaly**  
4281956549

**Deuteranomaly**  
4280777162

**Tritanomaly**  
4278288803

# Monochromacy



**Original Color**  
4278418633

**Achromatopsia**  
4284572001

**Achromatomaly**  
4282346375

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278418633 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(3, 124, 201)` looks like.

```
.text, #text, p{  
    color:rgb(3, 124, 201)  
}
```

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(3, 124, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 124, 201) }
```

## Border

The CSS property to change the border of an element to Android 4278418633 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(3, 124, 201) }
```

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

```
.border{ border-color:rgb(3, 124, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 124, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 124, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 124, 201);  
box-shadow:4px 4px 4px 4px rgb(3, 124,  
201) }
```

# Background

The CSS property to change the background color of an element to Android 4278418633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 124, 201) }
```

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

```
.background{ background-color: rgb(3, 124,  
201) }
```

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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