

# Converting Colors

Android(4278349229)

Have a look what the booklet for  
Android(4278349229) contains.

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# Color

**Android(4278349229)**

# Conversions

## Conversions Part 1

Format	Color
Hex	026DAD
RGB	2, 109, 173
RGB Percent	1%, 43%, 68%
CMY	0.9922, 0.5725, 0.3216
CMYK	0.99, 0.37, 0.00, 0.32
HSL	202°, 98%, 34%
HSV	202°, 99%, 68%
XYZ	13.0365, 13.9673, 41.5440
YIQ	84.3030, -84.3160, -2.7800

# Conversions

## Conversions Part 2

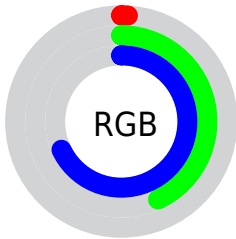
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	2, 68, 173
Decimal	159149
CIE Lab	44.19, -1.57, -41.29
CIE LCh	44, 41.320, 267.828
Yxy	13.9673, 0.1902, 0.2038
Android (android.graphics.Color)	4278349229 (0xFF026DAD)
YUV	84.3030, 43.7276, -72.1797
Hunter-Lab	37.3729, -3.1377, -39.7463

# Details

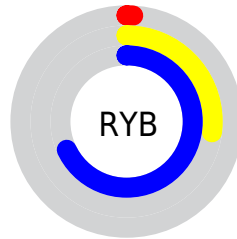
The Android color `4278349229` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4289544706`, and the grayscale version is `4283716692`.

A 20% lighter version of the original color is `4284129509`, and `4278206072` is the 20% darker color. If you saturate the color by 10%, you get `4278217901`, and if you desaturate by 10%, it is `4279464877`.

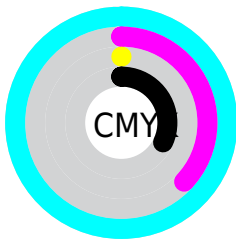
# Distribution



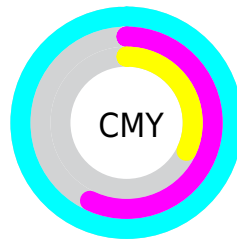
- Red (1%)
- Green (43%)
- Blue (68%)



- Red (1%)
- Yellow (27%)
- Blue (68%)



- Cyan (99%)
- Magenta (37%)
- Yellow (0%)
- Black (32%)



- Cyan (99%)
- Magenta (57%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278349229 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 4278349229 by changing the saturation by 10% instead.





4278349229



4278349229

4294967295



4278211986



4284129509



4278206072



4286168063



4278200671



4288075775



4278195527



4290049023



4278191152



4292018175



4278190362



4293984255



4278190080



4278349229



4278349229



4278217901



4279464877

■ 4280646317

■ 4281761965

■ 4282877869

■ 4284059053

■ 4285174957

■ 4286290605

■ 4287406509

■ 4288587693

# Harmonies

## Analogous

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



4278220194



4278349229



4284833957

# Triad

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



4278349229



4289088842



4281235010

# Complementary

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



4278349229



4289544706

# 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.



4284248104



4278349229



4288174382

# Square

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



4278349229



4289022572



4286408224



4278221157

# Rectangle

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



4278349229



4286863255



4286408224



4282414136



# Sweetspot

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



4278349229



4288530400



4278365505



4282933616



4293980400



4285558896



# Same Dimension

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



4278349229



4278226144



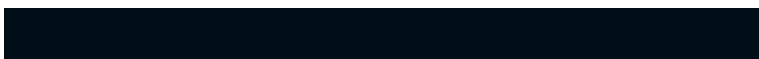
4278327725



4283323223



4278214294



4278193687



# Inverse Universe

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



4289528429



4292870284



4289566210



4283911763



4288020574



4279697422



# Previews

## White Background



This preview shows how the Android color 4278349229 looks on a white background.

## Color Contrast Check

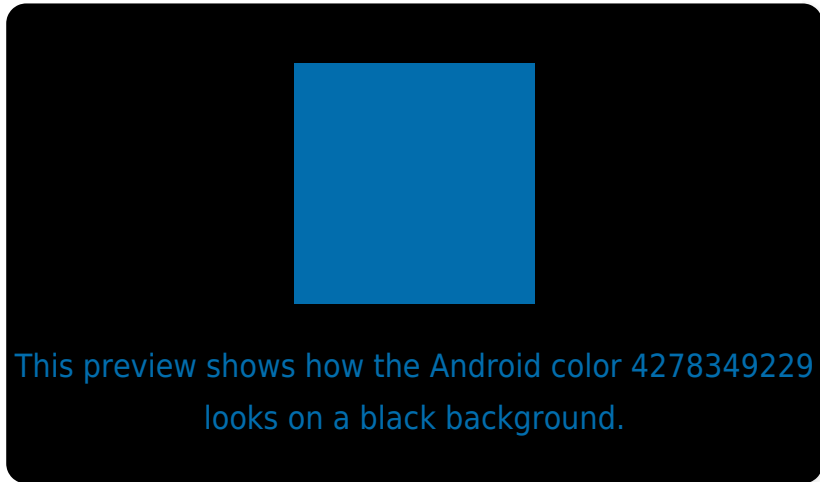
Large Text (above 18pt) WCAG AA ✓ Pass

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

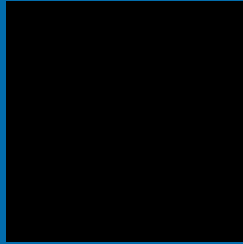
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278349229 Background



This preview shows how black text looks on a background with the Android color 4278349229.



This preview shows how white text looks on a background with the Android color 4278349229.

# 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**  
4278349229

**Protanomaly**  
4281559465

**Deuteranomaly**  
4280642222

**Tritanomaly**  
4278284686

# Monochromacy



**Original Color**  
4278349229

**Achromatopsia**  
4283716692

**Achromatomaly**  
4281752948

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278349229 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(2, 109, 173)` looks like.

```
.text, #text, p{  
    color:rgb(2, 109, 173)  
}
```

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(2, 109, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 109, 173) }
```

## Border

The CSS property to change the border of an element to Android 4278349229 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(2, 109, 173) }
```

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

```
.border{ border-color:rgb(2, 109, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 109, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 109, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 109, 173);  
box-shadow:4px 4px 4px 4px rgb(2, 109,  
173) }
```

# Background

The CSS property to change the background color of an element to Android 4278349229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 109, 173) }
```

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

```
.background{ background-color: rgb(2, 109,  
173) }
```

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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