

# Converting Colors

Android(4278668749)

Have a look what the booklet for  
Android(4278668749) contains.

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# Color

**Android(4278668749)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	074DCD
RGB	7, 77, 205
RGB Percent	3%, 30%, 80%
CMY	0.9725, 0.6980, 0.1961
CMYK	0.97, 0.62, 0.00, 0.20
HSL	219°, 93%, 42%
HSV	219°, 97%, 80%
XYZ	13.7609, 9.7607, 58.9163
YIQ	70.6620, -82.8080, 24.9680

# Conversions

## Conversions Part 2

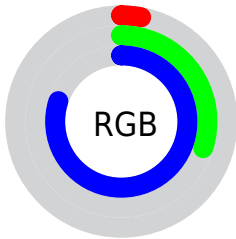
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 59, 205
Decimal	478669
CIELab	37.41, 32.33, -70.89
CIELCh	37, 77.916, 294.518
Yxy	9.7607, 0.1669, 0.1184
Android (android.graphics.Color)	4278668749 (0xFF074DCD)
YUV	70.6620, 66.2286, -55.8316
Hunter-Lab	31.2421, 23.9486, -89.9395

# Details

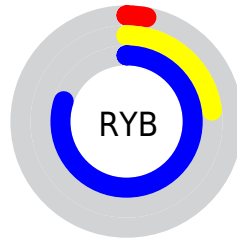
The Android color `4278668749` is a dark color, and the websafe version is hex `0066FF`. The color can be described as dark washed blue. A complement of this color would be `4291659527`, and the grayscale version is `4282795590`.

A 20% lighter version of the original color is `4284907007`, and `4278199189` is the 20% darker color. If you saturate the color by 10%, you get `4278208717`, and if you desaturate by 10%, it is `4280048333`.

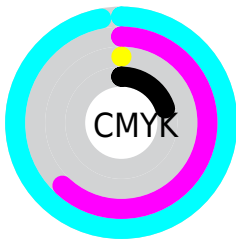
# Distribution



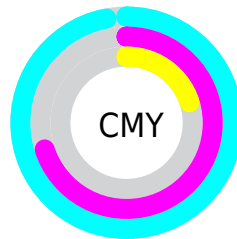
- Red (3%)
- Green (30%)
- Blue (80%)



- Red (3%)
- Yellow (23%)
- Blue (80%)



- Cyan (97%)
- Magenta (62%)
- Yellow (0%)
- Black (20%)



- Cyan (97%)
- Magenta (70%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278668749 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 4278668749 by changing the saturation by 10% instead.



 4278668749

 4278668749

4294967295

 4278204337

 4284907007


 4278199189

 4287010815

 4278194555

 4289049343

 4278190177

 4291087871

 4278192200

 4293126655

 4278191153

 4278190363

 4278190080

 4278668749

 4278668749

■ 4278208717

■ 4280048333

■ 4281362637

■ 4282742221

■ 4284056269

■ 4285435853

■ 4286750157

■ 4288129741

■ 4289443789

■ 4290823373

# Harmonies

## Analogous

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



4278216152



4278668749



4287896482

# Triad

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



4278668749



4288884736



4278218570

# Complementary

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



4278668749



4291659527

# 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.



4278217728



4278668749



4285944320

# Square

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



4278668749



4290576425



4281950976



4278219147

# Rectangle

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



4278668749



4289921147



4281950976



4278218548



# Sweetspot

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



4278668749



4290105343



4278701444



4283655040



4278190080



4286611584



# Same Dimension

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



4278668749



4278213375



4280354765



4284243814



4278205350



4278193702



# Inverse Universe

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



4291626829



4294901850



4289973511



4284898399



4289069115



4280680462



# Previews

## White Background



This preview shows how the Android color 4278668749 looks on a white background.

## Color Contrast Check

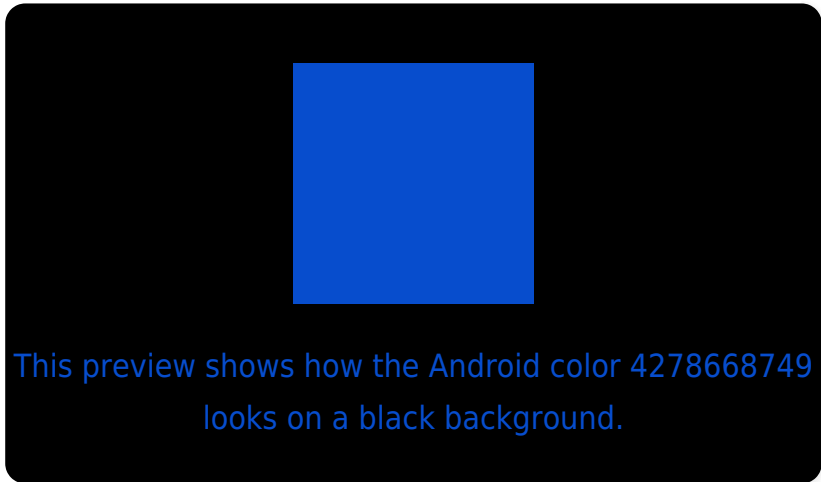
Large Text (above 18pt) WCAG AA ✓ Pass

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

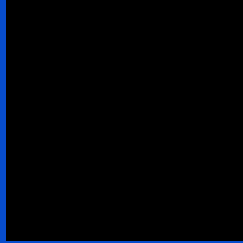
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278668749 Background



This preview shows how black text looks on a background with the Android color 4278668749.



This preview shows how white text looks on a background with the Android color 4278668749.

# 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**  
4278668749

**Protanopia**  
4278212019

**Deuteranopia**  
4278213273



# Trichromacy



**Original Color**

4278668749

**Protanomaly**

4278407868

**Deuteranomaly**

4278408620

**Tritanomaly**

4278409868

# Monochromacy



**Original Color**

4278668749

**Achromatopsia**

4282861383

**Achromatomaly**

4281354616

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278668749 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(7, 77, 205)` looks like.

```
.text, #text, p{  
    color:rgb(7, 77, 205)  
}
```

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(7, 77, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 77, 205) }
```

## Border

The CSS property to change the border of an element to Android 4278668749 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(7, 77, 205) }
```

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

```
.border{ border-color:rgb(7, 77, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 77, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 77, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 77, 205);  
box-shadow:4px 4px 4px 4px rgb(7, 77, 205)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278668749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 77, 205) }
```

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

```
.background{ background-color: rgb(7, 77,  
205) }
```

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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