

# Converting Colors

Android(4278208409)

Have a look what the booklet for  
Android(4278208409) contains.

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# Color

**Android(4278208409)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	004799
RGB	0, 71, 153
RGB Percent	0%, 28%, 60%
CMY	1.0000, 0.7216, 0.4000
CMYK	1.00, 0.54, 0.00, 0.40
HSL	212°, 100%, 30%
HSV	212°, 100%, 60%
XYZ	8.0030, 6.8064, 31.0290
YIQ	59.1190, -68.6380, 10.4500

# Conversions

## Conversions Part 2

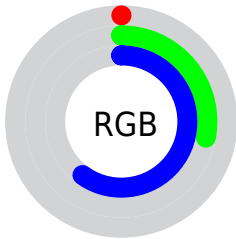
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 48, 153
Decimal	18329
CIELab	31.36, 15.00, -49.95
CIELCh	31, 52.159, 286.717
Yxy	6.8064, 0.1746, 0.1485
Android (android.graphics.Color)	4278208409 (0xFF004799)
YUV	59.1190, 46.2833, -51.8474
Hunter-Lab	26.0890, 9.1004, -52.2541

# Details

The Android color **4278208409** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **4288238080**, and the grayscale version is **4282071867**.

A 20% lighter version of the original color is **4283725776**, and **4278197605** is the 20% darker color. If you saturate the color by 10%, you get **4278208409**, and if you desaturate by 10%, it is **4279193497**.

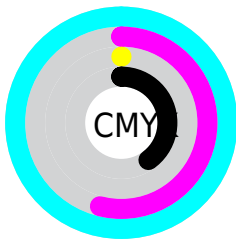
# Distribution



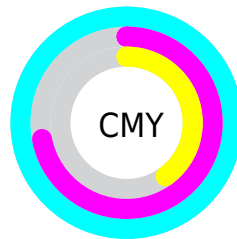
- Red (0%)
- Green (28%)
- Blue (60%)



- Red (0%)
- Yellow (19%)
- Blue (60%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (72%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278208409 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 4278208409 by changing the saturation by 10% instead.



 4278208409

 4278208409

4294967295

 4278202751

 4283725776

 4278197605

 4285698285

 4278190925

 4287605503

 4278191413

 4289513215

 4278190623

 4291420927

 4278190081

 4293394175

 4278190080

 4278208409

 4279193497

■ 4280244121

■ 4281229465

■ 4282214553

■ 4283265177

■ 4284250265

■ 4285235353

■ 4286220697

■ 4287271321

# Harmonies

## Analogous

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



4278211738



4278208409



4284953218

# Triad

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



4278208409



4286852365



4278213174

# Complementary

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



4278208409



4288238080

# 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.



4278605574



4278208409



4285153536

# Square

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



4278208409



4287633205



4282797824



4278213472

# Rectangle

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



4278208409



4286587499



4282797824



4278212903



# Sweetspot

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



4278208409



4287342535



4278229330



4282404963



4293125091



4284703587



# Same Dimension

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



4278208409



4278213831



4278517913



4282730573



4278206860



4278191629



# Inverse Universe

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



4288217159



4291231836



4287928576



4283254088



4287365185



4279042054



# Previews

## White Background



This preview shows how the Android color 4278208409 looks on a white background.

## Color Contrast Check

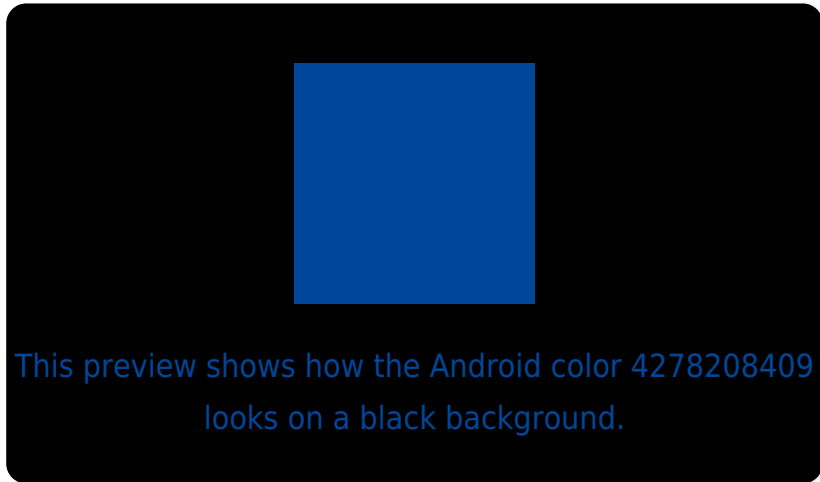
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278208409 Background



This preview shows how black text looks on a background with the Android color 4278208409.



This preview shows how white text looks on a background with the Android color 4278208409.

# 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**

4278208409

**Protanopia**

4278208408

**Deuteranopia**

4278209667



# Trichromacy



**Original Color**  
4278208409

**Protanomaly**  
4278208408

**Deuteranomaly**  
4278209163

**Tritanomaly**  
4278210159

# Monochromacy



**Original Color**  
4278208409

**Achromatopsia**  
4282071867

**Achromatomaly**  
4280696669

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278208409 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(0, 71, 153)` looks like.

```
.text, #text, p{  
    color:rgb(0, 71, 153)  
}
```

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(0, 71, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 71, 153) }
```

## Border

The CSS property to change the border of an element to Android 4278208409 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(0, 71, 153) }
```

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

```
.border{ border-color:rgb(0, 71, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 71, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 71, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 71, 153);  
box-shadow:4px 4px 4px 4px rgb(0, 71, 153)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278208409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 71, 153) }
```

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

```
.background{ background-color: rgb(0, 71,  
153) }
```

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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