

# Converting Colors

Android(4278209203)

Have a look what the booklet for  
Android(4278209203) contains.

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# Color

**Android(4278209203)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	004AB3
RGB	0, 74, 179
RGB Percent	0%, 29%, 70%
CMY	1.0000, 0.7098, 0.2980
CMYK	1.00, 0.59, 0.00, 0.30
HSL	215°, 100%, 35%
HSV	215°, 100%, 70%
XYZ	10.5855, 8.1522, 43.6634
YIQ	63.8440, -77.8090, 16.9670

# Conversions

## Conversions Part 2

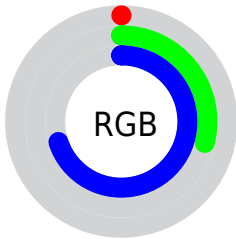
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 52, 179
Decimal	19123
CIELab	34.30, 23.76, -60.76
CIELCh	34, 65.245, 291.357
Yxy	8.1522, 0.1696, 0.1306
Android (android.graphics.Color)	4278209203 (0xFF004AB3)
YUV	63.8440, 56.7719, -55.9912
Hunter-Lab	28.5521, 16.2112, -70.6830

# Details

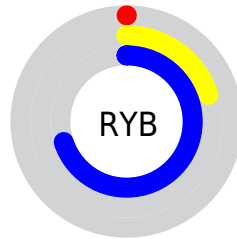
The Android color `4278209203` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4289947904`, and the grayscale version is `4282335039`.

A 20% lighter version of the original color is `4284316396`, and `4278198397` is the 20% darker color. If you saturate the color by 10%, you get `4278209203`, and if you desaturate by 10%, it is `4279391667`.

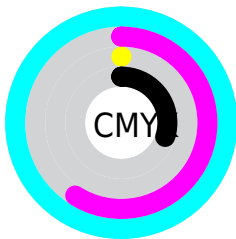
# Distribution



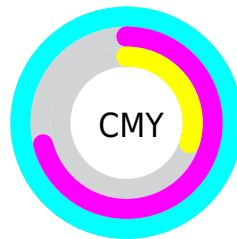
- Red (0%)
- Green (29%)
- Blue (70%)



- Red (0%)
- Yellow (20%)
- Blue (70%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (71%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278209203 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 4278209203 by changing the saturation by 10% instead.



 4278209203

 4278209203

4294967295

 4278203544

 4284316396

 4278198397

 4286354687

 4278193251

 4288327423

 4278192459

 4290300415

 4278191155

 4292273663

 4278190621

 4294246399

 4278190080

 4278209203

 4279391667

■ 4280573875

■ 4281756339

■ 4282938547

■ 4284121011

■ 4285237683

■ 4286419891

■ 4287602355

■ 4288784819

# Harmonies

## Analogous

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



4278213817



4278209203



4286458514

# Triad

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



4278209203



4287835648



4278215999

# Complementary

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



4278209203



4289947904

# 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.



4278214912



4278209203



4285548800

# Square

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



4278209203



4289134639



4282407168



4278216309

# Rectangle

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



4278209203



4288283251



4282407168



4278215725



# Sweetspot

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



4278209203



4288856040



4278236008



4283129205



4294309365



4285887861



# Same Dimension

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



4278209203



4278214888



4279173299



4283454553



4278206361



4278192922



# Inverse Universe

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



4289921098



4293394528



4288983808



4284043348



4288217151



4279894027



# Previews

## White Background



This preview shows how the Android color 4278209203 looks on a white background.

## Color Contrast Check

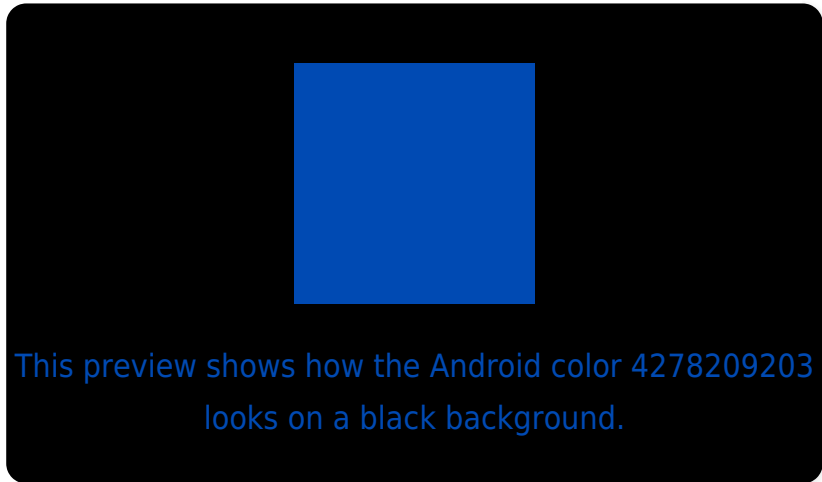
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278209203 Background



This preview shows how black text looks on a background with the Android color 4278209203.



This preview shows how white text looks on a background with the Android color 4278209203.

# 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**

4278209203

**Protanopia**

4278210213

**Deuteranopia**

4278211470



# Trichromacy



**Original Color**  
4278209203

**Protanomaly**  
4278209962

**Deuteranomaly**  
4278210715

**Tritanomaly**  
4278211710

# Monochromacy



**Original Color**  
4278209203

**Achromatopsia**  
4282400832

**Achromatomaly**  
4280894570

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278209203 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, 74, 179)` looks like.

```
.text, #text, p{  
    color:rgb(0, 74, 179)  
}
```

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, 74, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 74, 179) }
```

## Border

The CSS property to change the border of an element to Android 4278209203 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, 74, 179) }
```

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

```
.border{ border-color:rgb(0, 74, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 74, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 74, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 74, 179);  
box-shadow:4px 4px 4px 4px rgb(0, 74, 179)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278209203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 74, 179) }
```

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

```
.background{ background-color: rgb(0, 74,  
179) }
```

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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