

# Converting Colors

Android(4278199976)

Have a look what the booklet for  
Android(4278199976) contains.

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# Color

**Android(4278199976)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0026A8
RGB	0, 38, 168
RGB Percent	0%, 15%, 66%
CMY	1.0000, 0.8510, 0.3412
CMYK	1.00, 0.77, 0.00, 0.34
HSL	226°, 100%, 33%
HSV	226°, 100%, 66%
XYZ	7.7610, 4.2134, 37.4500
YIQ	41.4580, -64.3780, 32.3740

# Conversions

## Conversions Part 2

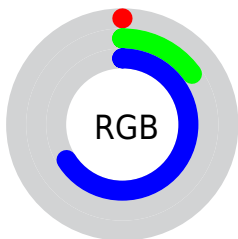
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 31, 168
Decimal	9896
CIELab	24.36, 42.93, -70.53
CIELCh	24, 82.573, 301.328
Yxy	4.2134, 0.1570, 0.0852
Android (android.graphics.Color)	4278199976 (0xFF0026A8)
YUV	41.4580, 62.3852, -36.3587
Hunter-Lab	20.5265, 31.5687, -93.8042

# Details

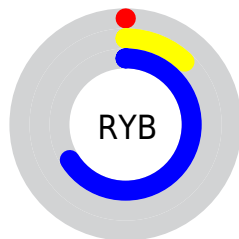
The Android color **4278199976** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **4289233408**, and the grayscale version is **4280887593**.

A 20% lighter version of the original color is **4284306656**, and **4278190194** is the 20% darker color. If you saturate the color by 10%, you get **4278199976**, and if you desaturate by 10%, it is **4279317416**.

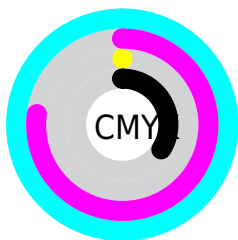
# Distribution



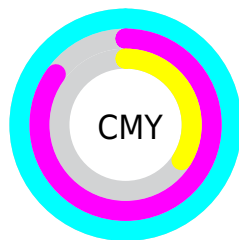
- Red (0%)
- Green (15%)
- Blue (66%)



- Red (0%)
- Yellow (12%)
- Blue (66%)



- Cyan (100%)
- Magenta (77%)
- Yellow (0%)
- Black (34%)



- Cyan (100%)
- Magenta (85%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278199976 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 4278199976 by changing the saturation by 10% instead.



 4278199976

 4278199976

4294967295

 4278194573

 4284306656

 4278190194

 4286344702

 4278190169

 4288317439

 4278191936

 4290290175

 4278190889

 4292263167

 4278190355

 4294301951

 4278190080

 4294964735

 4278199976

■ 4279317416

■ 4280434856

■ 4281486760

■ 4282604200

■ 4283721640

■ 4284839080

■ 4285956520

■ 4287008424

■ 4288125864

# Harmonies

## Analogous

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



4278207932



4278199976



4286578807

# Triad

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



4278199976



4285797376



4278210107

# Complementary

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



4278199976



4289233408

# 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.



4278209536



4278199976



4282792192

# Square

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



4278199976



4287889408



4278208256



4278210427

# Rectangle

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



4278199976



4288086095



4278208256



4278209829



# Sweetspot

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



4278199976



4288325851



4278233217



4282797934



4293783021



4285427310



# Same Dimension

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



4278199976



4278203099



4281139368



4283190868



4278198676



4278191380



# Inverse Universe

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



4289200166



4292542514



4286294016



4283714638



4287889441



4279500805



# Previews

## White Background



This preview shows how the Android color 4278199976 looks on a white background.

## Color Contrast Check

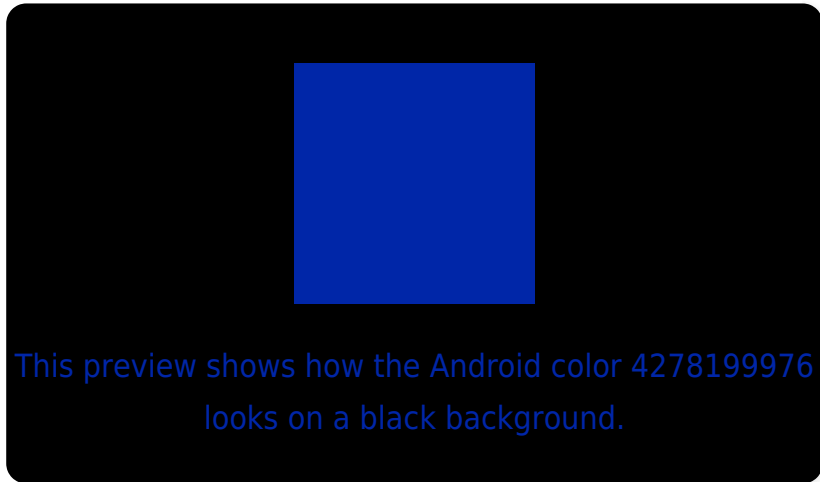
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278199976 Background



This preview shows how black text looks on a background with the Android color 4278199976.



This preview shows how white text looks on a background with the Android color 4278199976.

# 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**  
4278199976

**Protanopia**  
4278204791

**Deuteranopia**  
4278205797

# Trichromacy



**Original Color**  
4278199976

**Protanomaly**  
4278203017

**Deuteranomaly**  
4278203773

# Monochromacy



**Original Color**  
4278199976

**Achromatopsia**  
4280887593

**Achromatomaly**  
4279904343

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278199976 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, 38, 168)` looks like.

```
.text, #text, p{  
    color:rgb(0, 38, 168)  
}
```

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, 38, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 38, 168) }
```

## Border

The CSS property to change the border of an element to Android 4278199976 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, 38, 168) }
```

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

```
.border{ border-color:rgb(0, 38, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 38, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 38, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 38, 168);  
box-shadow:4px 4px 4px 4px rgb(0, 38, 168)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278199976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 38, 168) }
```

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

```
.background{ background-color: rgb(0, 38,  
168) }
```

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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