

Converting Colors

Android(4278221234)

Have a look what the booklet for
Android(4278221234) contains.

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Color

Android(4278221234)

Conversions

Conversions Part 1

Format	Color
Hex	0079B2
RGB	0, 121, 178
RGB Percent	0%, 47%, 70%
CMY	1.0000, 0.5255, 0.3020
CMYK	1.00, 0.32, 0.00, 0.30
HSL	199°, 100%, 35%
HSV	199°, 100%, 70%
XYZ	14.8733, 16.8891, 44.5955
YIQ	91.3190, -90.4130, -7.9250

Conversions

Conversions Part 2

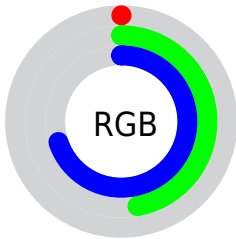
Format	Color
RYB	0, 72, 178
Decimal	31154
CIELab	48.12, -6.94, -37.98
CIELCh	48, 38.605, 259.642
Yxy	16.8891, 0.1948, 0.2212
Android (android.graphics.Color)	4278221234 (0xFF0079B2)
YUV	91.3190, 42.7337, -80.0868
Hunter-Lab	41.0963, -7.3173, -35.5708

Details

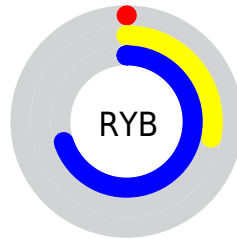
The Android color `4278221234` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4289870080`, and the grayscale version is `4284177243`.

A 20% lighter version of the original color is `4284263914`, and `4278208893` is the 20% darker color. If you saturate the color by 10%, you get `4278221234`, and if you desaturate by 10%, it is `4279402418`.

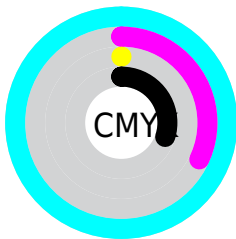
Distribution



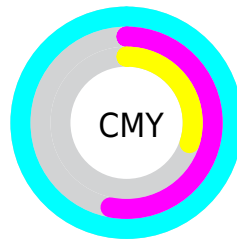
- Red (0%)
- Green (47%)
- Blue (70%)



- Red (0%)
- Yellow (28%)
- Blue (70%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (53%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278221234 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 4278221234 by changing the saturation by 10% instead.

 4278221234

 4278221234

4294967295

 4278214807

 4284263914

 4278208893

 4286236927

 4278203236

 4288210175

 4278197835

 4290183167

 4278191412

 4292149247

 4278190622

 4294115327

 4278190081

 4278190080

 4278221234

■ 4279402418

■ 4280583346

■ 4281698994

■ 4282880178

■ 4284061362

■ 4285242290

■ 4286423474

■ 4287539122

■ 4288720050

Harmonies

Analogous

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



4278223011



4278221234



4284640944

Triad

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



4278221234



4289681502



4283072070

Complementary

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



4278221234



4289870080

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.



4285560626



4278221234



4289028162

Square

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



4278221234



4289288319



4287589425



4278223461

Rectangle

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



4278221234



4286735781



4287589425



4283989054

Sweetspot

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



4278221234



4288860904



4278235704



4283132021



4294309365



4285887861

Same Dimension

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



4278221234



4278230760



4278198706



4283455065



4278216857



4278194458

Inverse Universe

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



4289855609



4293394590



4289892608



4284043350



4288217192



4279894033

Previews

White Background



This preview shows how the Android color 4278221234 looks on a white background.

Color Contrast Check

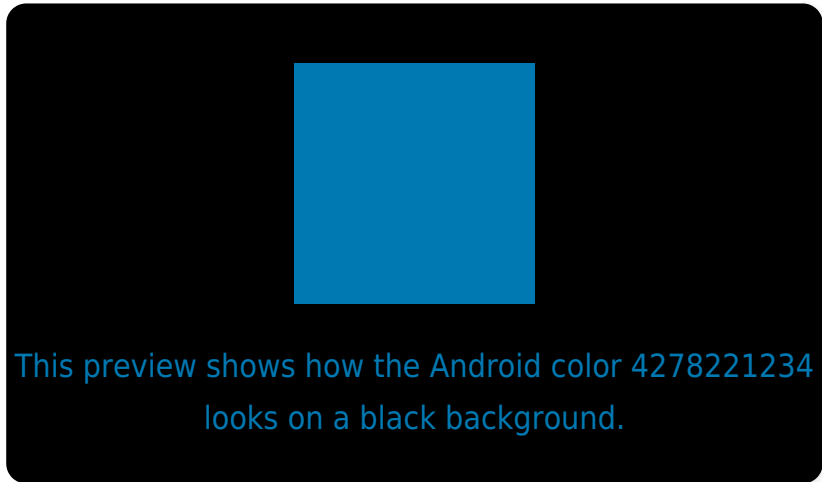
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278221234 Background



This preview shows how black text looks on a background with the Android color 4278221234.



This preview shows how white text looks on a background with the Android color 4278221234.

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
4278221234

Protanomaly
4282151853

Deuteranomaly
4281497011

Tritanomaly
4278222231

Monochromacy



Original Color
4278221234

Achromatopsia
4284177243

Achromatomaly
4282017403

CSS Examples

Text

The CSS property to change the color of the text to Android 4278221234 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, 121, 178)` looks like.

```
.text, #text, p{  
    color:rgb(0, 121, 178)  
}
```

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, 121, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 121, 178) }
```

Border

The CSS property to change the border of an element to Android 4278221234 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, 121, 178) }
```

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

```
.border{ border-color:rgb(0, 121, 178) }
```

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

Here you see how a box with a 4 pixel rgb(0, 121, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 121, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 121, 178);  
box-shadow:4px 4px 4px 4px rgb(0, 121,  
178) }
```

Background

The CSS property to change the background color of an element to Android 4278221234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 121, 178) }
```

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

```
.background{ background-color: rgb(0, 121,  
178) }
```

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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