

Converting Colors

Android(4278218668)

Have a look what the booklet for
Android(4278218668) contains.

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Color

Android(4278218668)

Conversions

Conversions Part 1

Format	Color
Hex	006FAC
RGB	0, 111, 172
RGB Percent	0%, 44%, 67%
CMY	1.0000, 0.5647, 0.3255
CMYK	1.00, 0.35, 0.00, 0.33
HSL	201°, 100%, 34%
HSV	201°, 100%, 67%
XYZ	13.1308, 14.3474, 41.1070
YIQ	84.7650, -85.7370, -4.5610

Conversions

Conversions Part 2

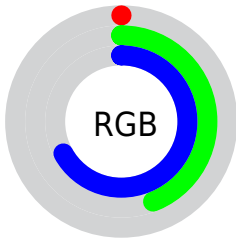
Format	Color
RYB	0, 67, 172
Decimal	28588
CIELab	44.73, -3.28, -39.85
CIELCh	45, 39.982, 265.297
Yxy	14.3474, 0.1915, 0.2092
Android (android.graphics.Color)	4278218668 (0xFF006FAC)
YUV	84.7650, 43.0069, -74.3389
Hunter-Lab	37.8780, -4.4075, -37.8297

Details

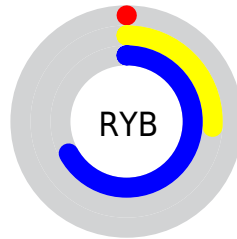
The Android color `4278218668` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4289477888`, and the grayscale version is `4283716692`.

A 20% lighter version of the original color is `4284130020`, and `4278206583` is the 20% darker color. If you saturate the color by 10%, you get `4278218668`, and if you desaturate by 10%, it is `4279334316`.

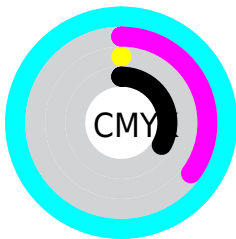
Distribution



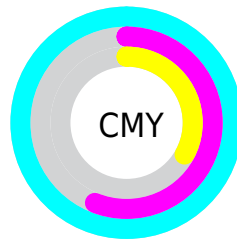
- Red (0%)
- Green (44%)
- Blue (67%)



- Red (0%)
- Yellow (26%)
- Blue (67%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (56%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278218668 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 4278218668 by changing the saturation by 10% instead.

 4278218668

 4278218668

4294967295

 4278212497

 4284130020

 4278206583

 4286103039


 4278200926

 4288076287

 4278195782

 4289983999

 4278191151

 4291952639

 4278190361

 4293918719

 4278190080

 4278218668

 4279334316

■ 4280449964

■ 4281631148

■ 4282746796

■ 4283862444

■ 4284978348

■ 4286093996

■ 4287275180

■ 4288390828

Harmonies

Analogous

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



4278220704



4278218668



4284703654

Triad

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



4278218668



4289154895



4281825090

Complementary

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



4278218668



4289477888

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.



4284575786



4278218668



4288305716

Square

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



4278218668



4288957808



4286670372



4278221411

Rectangle

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



4278218668



4286732953



4286670372



4282807609

Sweetspot

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



4278218668



4288530912



4278234172



4282933872



4293980400



4285558896

Same Dimension

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



4278218668



4278227424



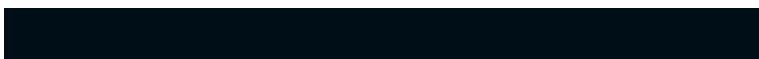
4278196908



4283323479



4278215062



4278193943

Inverse Universe

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



4289462383



4292870289



4289499648



4283911764



4288020577



4279697423

Previews

White Background



This preview shows how the Android color 4278218668 looks on a white background.

Color Contrast Check

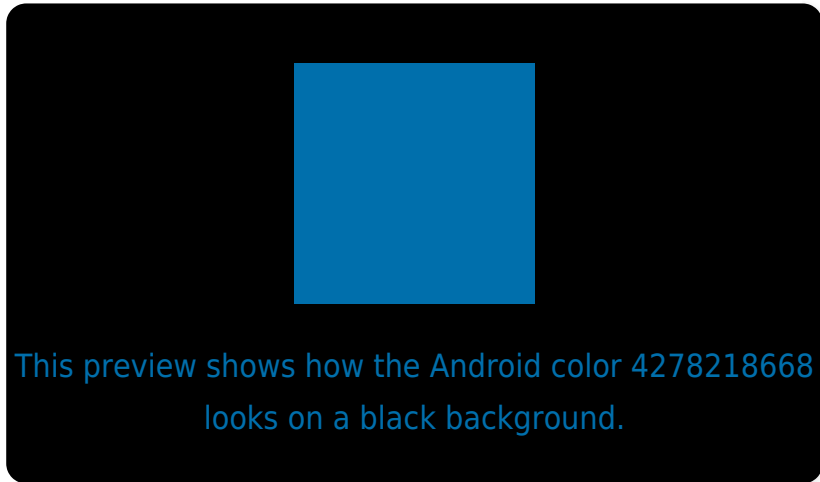
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278218668 Background



This preview shows how black text looks on a background with the Android color 4278218668.



This preview shows how white text looks on a background with the Android color 4278218668.

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
4278218668

Protanomaly
4281691048

Deuteranomaly
4280839341

Tritanomaly
4278219663

Monochromacy



Original Color
4278218668

Achromatopsia
4283782485

Achromatomaly
4281753205

CSS Examples

Text

The CSS property to change the color of the text to Android 4278218668 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, 111, 172)` looks like.

```
.text, #text, p{  
    color:rgb(0, 111, 172)  
}
```

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, 111, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 111, 172) }
```

Border

The CSS property to change the border of an element to Android 4278218668 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, 111, 172) }
```

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

```
.border{ border-color:rgb(0, 111, 172) }
```

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

Here you see how a box with a 4 pixel rgb(0, 111, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 111, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 111, 172);  
box-shadow:4px 4px 4px 4px rgb(0, 111,  
172) }
```

Background

The CSS property to change the background color of an element to Android 4278218668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 111, 172) }
```

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

```
.background{ background-color: rgb(0, 111,  
172) }
```

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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