

Converting Colors

Android(4278221744)

Have a look what the booklet for
Android(4278221744) contains.

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Color

Android(4278221744)

Conversions

Conversions Part 1

Format	Color
Hex	007BB0
RGB	0, 123, 176
RGB Percent	0%, 48%, 69%
CMY	1.0000, 0.5176, 0.3098
CMYK	1.00, 0.30, 0.00, 0.31
HSL	198°, 100%, 35%
HSV	198°, 100%, 69%
XYZ	14.9194, 17.3005, 43.6273
YIQ	92.2650, -90.3210, -9.5930

Conversions

Conversions Part 2

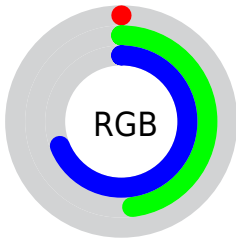
Format	Color
RYB	0, 72, 176
Decimal	31664
CIELab	48.64, -8.89, -36.00
CIELCh	49, 37.084, 256.132
Yxy	17.3005, 0.1967, 0.2281
Android (android.graphics.Color)	4278221744 (0xFF007BB0)
YUV	92.2650, 41.2814, -80.9164
Hunter-Lab	41.5939, -8.7626, -33.0728

Details

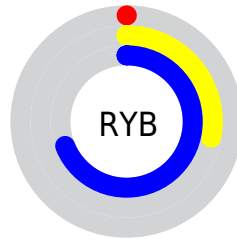
The Android color `4278221744` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4289737984`, and the grayscale version is `4284243036`.

A 20% lighter version of the original color is `4284198888`, and `4278209403` is the 20% darker color. If you saturate the color by 10%, you get `4278221744`, and if you desaturate by 10%, it is `4279402672`.

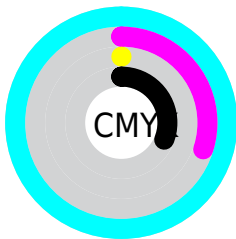
Distribution



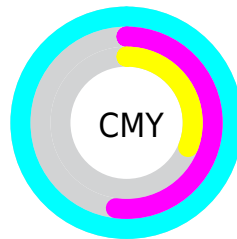
- Red (0%)
- Green (48%)
- Blue (69%)



- Red (0%)
- Yellow (28%)
- Blue (69%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (52%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278221744 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 4278221744 by changing the saturation by 10% instead.

 4278221744

 4278221744

4294967295

 4278215317

 4284198888

 4278209403

 4286237695

 4278203490

 4288210943

 4278198090

 4290183167

 4278191155

 4292149247

 4278190621

 4294115327

 4278190080

 4278221744

 4279402672

■ 4280518320

■ 4281699248

■ 4282814640

■ 4283995824

■ 4285176752

■ 4286292144

■ 4287473072

■ 4288588720

Harmonies

Analogous

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



4278223264



4278221744



4284379568

Triad

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



4278221744



4289682020



4283596359

Complementary

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



4278221744



4289737984

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.



4285953845



4278221744



4289159496

Square

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



4278221744



4289092483



4287851830



4280189795

Rectangle

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



4278221744



4286540198



4287851830



4284447807

Sweetspot

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



4278221744



4288795110



4278235189



4283000435



4294111986



4285756275

Same Dimension

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



4278221744



4278231270



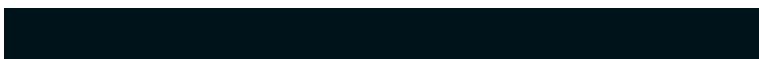
4278199216



4283455321



4278217625



4278194714

Inverse Universe

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



4289724539



4293263520



4289760512



4284043351



4288217195



4279894034

Previews

White Background



This preview shows how the Android color 4278221744 looks on a white background.

Color Contrast Check

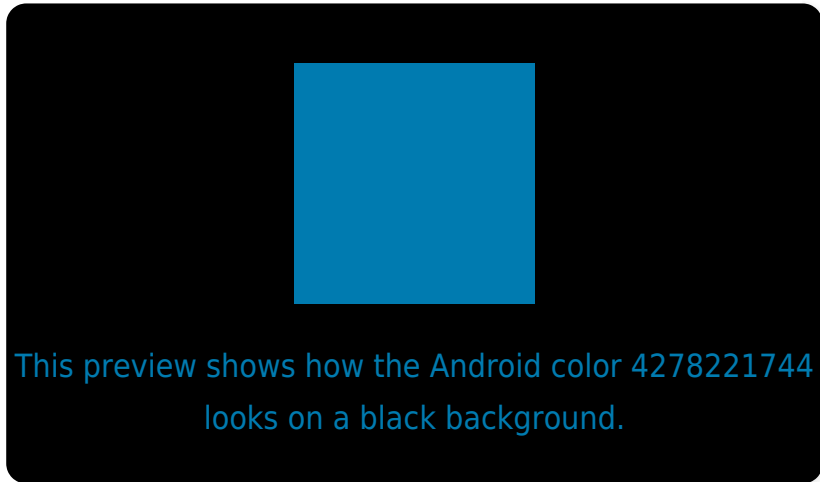
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278221744 Background



This preview shows how black text looks on a background with the Android color 4278221744.



This preview shows how white text looks on a background with the Android color 4278221744.

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
4278221744

Protanomaly
4282283435

Deuteranomaly
4281693873

Tritanomaly
4278222488

Monochromacy



Original Color
4278221744

Achromatopsia
4284243036

Achromatomaly
4282083195

CSS Examples

Text

The CSS property to change the color of the text to Android 4278221744 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, 123, 176)` looks like.

```
.text, #text, p{  
    color:rgb(0, 123, 176)  
}
```

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, 123, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 123, 176) }
```

Border

The CSS property to change the border of an element to Android 4278221744 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, 123, 176) }
```

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

```
.border{ border-color:rgb(0, 123, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 123, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 123, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 123, 176);  
box-shadow:4px 4px 4px 4px rgb(0, 123,  
176) }
```

Background

The CSS property to change the background color of an element to Android 4278221744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 123, 176) }
```

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

```
.background{ background-color: rgb(0, 123,  
176) }
```

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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