

# Converting Colors

Android(4278221749)

Have a look what the booklet for  
Android(4278221749) contains.

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# Color

**Android(4278221749)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	007BB5
RGB	0, 123, 181
RGB Percent	0%, 48%, 71%
CMY	1.0000, 0.5176, 0.2902
CMYK	1.00, 0.32, 0.00, 0.29
HSL	199°, 100%, 35%
HSV	199°, 100%, 71%
XYZ	15.4234, 17.5021, 46.2814
YIQ	92.8350, -91.9260, -8.0380

# Conversions

## Conversions Part 2

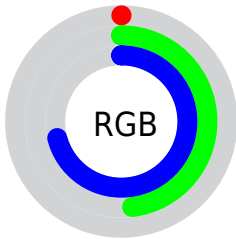
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 73, 181
Decimal	31669
CIELab	48.89, -6.96, -38.50
CIELCh	49, 39.127, 259.749
Yxy	17.5021, 0.1947, 0.2210
Android (android.graphics.Color)	4278221749 (0xFF007BB5)
YUV	92.8350, 43.4653, -81.4163
Hunter-Lab	41.8355, -7.4048, -36.3059

# Details

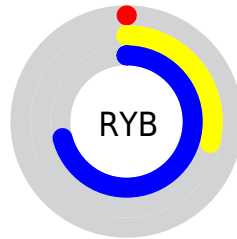
The Android color `4278221749` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4290066944`, and the grayscale version is `4284243036`.

A 20% lighter version of the original color is `4284329965`, and `4278209408` is the 20% darker color. If you saturate the color by 10%, you get `4278221749`, and if you desaturate by 10%, it is `4279402933`.

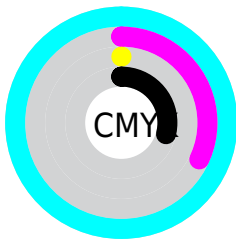
# Distribution



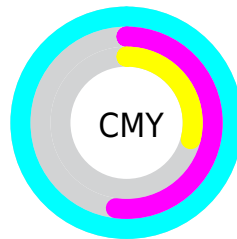
- Red (0%)
- Green (48%)
- Blue (71%)



- Red (0%)
- Yellow (29%)
- Blue (71%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (52%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278221749 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 4278221749 by changing the saturation by 10% instead.



 4278221749

 4278221749

4294967295

 4278215322

 4284329965

 4278209408

 4286303231

 4278203494

 4288342015

 4278198350

 4290248703

 4278191415

 4292214783

 4278190625

 4294246399


 4278190085

 4278190080

 4278221749

 4279402933

 4280584117

 4281765045

 4282946229

 4284192949

 4285374133

 4286555317

 4287736245

 4288917429

# Harmonies

## Analogous

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



4278223526



4278221749



4284772530

# Triad

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



4278221749



4289878368



4283138120

# Complementary

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



4278221749



4290066944

# 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.



4285692211



4278221749



4289225283

# Square

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



4278221749



4289485185



4287721009



4278223975

# Rectangle

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



4278221749



4286932903



4287721009



4284055103



# Sweetspot

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



4278221749



4288992491



4278236473



4283132021



4294309365



4285887861



# Same Dimension

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



4278221749



4278231019



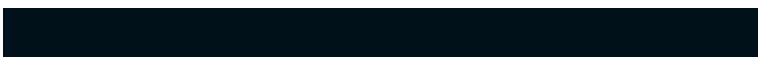
4278198709



4283455065



4278216857



4278194458



# Inverse Universe

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



4290052219



4293591199



4290089984



4284043350



4288217192



4279894033



# Previews

## White Background



This preview shows how the Android color 4278221749 looks on a white background.

## Color Contrast Check

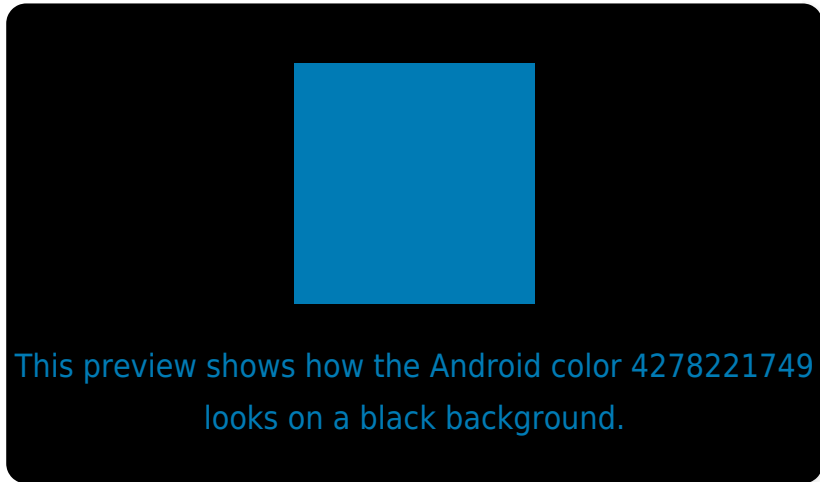
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278221749 Background



This preview shows how black text looks on a background with the Android color 4278221749.



This preview shows how white text looks on a background with the Android color 4278221749.

# 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**  
4278221749

**Protanomaly**  
4282152368

**Deuteranomaly**  
4281497526

# Monochromacy



**Original Color**  
4278221749

**Achromatopsia**  
4284308829

**Achromatomaly**  
4282083453

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278221749 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(0, 123, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 123, 181) }
```

## Border

The CSS property to change the border of an element to Android 4278221749 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, 181) }
```

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

```
.border{ border-color:rgb(0, 123, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 123, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 123, 181);  
box-shadow:4px 4px 4px 4px rgb(0, 123,  
181) }
```

# Background

The CSS property to change the background color of an element to Android 4278221749 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, 181) }
```

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

```
.background{ background-color: rgb(0, 123,  
181) }
```

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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