

# Converting Colors

Android(4278488249)

Have a look what the booklet for  
Android(4278488249) contains.

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# Color

**Android(4278488249)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	048CB9
RGB	4, 140, 185
RGB Percent	2%, 55%, 73%
CMY	0.9843, 0.4510, 0.2745
CMYK	0.98, 0.24, 0.00, 0.27
HSL	195°, 96%, 37%
HSV	195°, 98%, 73%
XYZ	18.1851, 22.2848, 49.2419
YIQ	104.4660, -95.5010, -14.8370

# Conversions

## Conversions Part 2

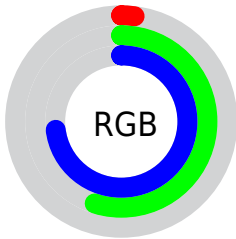
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 82, 185
Decimal	298169
CIELab	54.33, -15.02, -32.26
CIELCh	54, 35.588, 245.028
Yxy	22.2848, 0.2027, 0.2484
Android (android.graphics.Color)	4278488249 (0xFF048CB9)
YUV	104.4660, 39.7033, -88.1087
Hunter-Lab	47.2067, -13.8495, -28.8013

# Details

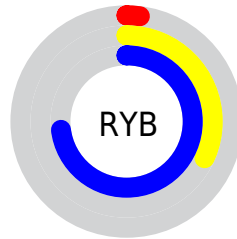
The Android color `4278488249` is a dark color, and the websafe version is hex `0099CC`. A complement of this color would be `4290326788`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4284465905`, and `4278213252` is the 20% darker color. If you saturate the color by 10%, you get `4278225849`, and if you desaturate by 10%, it is `4279734713`.

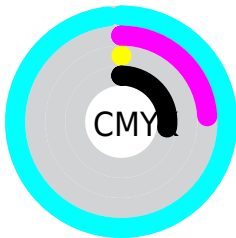
# Distribution



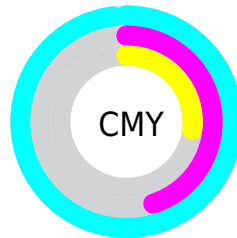
- Red (2%)
- Green (55%)
- Blue (73%)



- Red (2%)
- Yellow (32%)
- Blue (73%)



- Cyan (98%)
- Magenta (24%)
- Yellow (0%)
- Black (27%)



- Cyan (98%)
- Magenta (45%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278488249 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 4278488249 by changing the saturation by 10% instead.





4278488249



4278488249

4294967295



4278219422



4284465905



4278213252



4286569983



4278207082



4288543487



4278201426



4290510847



4278196538



4292476927



4278190628



4294508543



4278190349



4278190080



4278488249



4278488249

■ 4278225849

■ 4279734713

■ 4280915385

■ 4282161849

■ 4283342521

■ 4284588985

■ 4285769913

■ 4287016121

■ 4288197049

■ 4289443257

# Harmonies

## Analogous

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



4278227364



4278488249



4284187583

# Triad

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



4278488249



4290537854



4285565518

# Complementary

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



4278488249



4290326788

# 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.



4287660611



4278488249



4290407776

# Square

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



4278488249



4289555868



4289361739



4283011175

# Rectangle

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



4278488249



4286414010



4289361739



4286285897



# Sweetspot

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



4278488249



4289388272



4278499630



4283329912



4294440951



4286085240



# Same Dimension

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



4278488249



4278236400



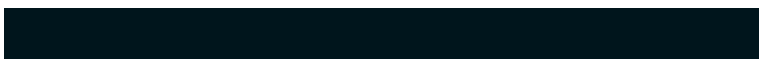
4278465721



4283652700



4278220188



4278195484



# Inverse Universe

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



4290315404



4293918900



4290349316



4284240730



4288413813



4280025109



# Previews

## White Background



This preview shows how the Android color 4278488249 looks on a white background.

## Color Contrast Check

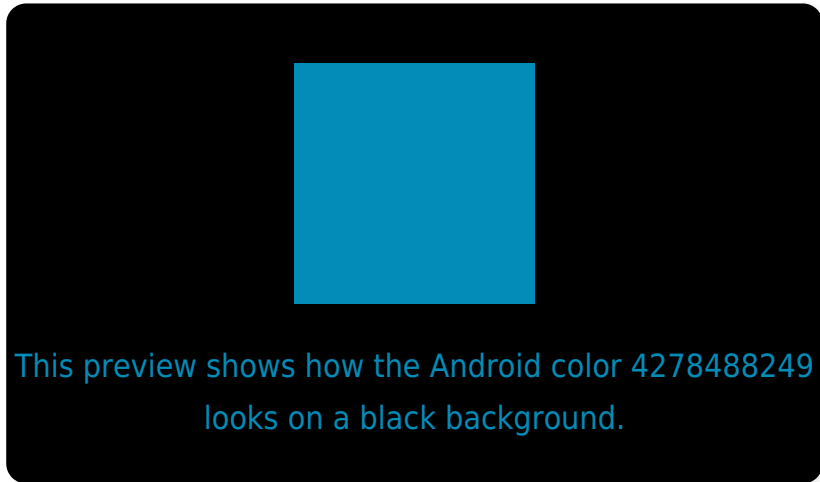
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

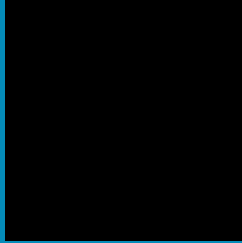
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4278488249 Background



This preview shows how black text looks on a background with the Android color 4278488249.



This preview shows how white text looks on a background with the Android color 4278488249.

# 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**  
4278488249

**Protanomaly**  
4283139251

**Deuteranomaly**  
4282746043

**Tritanomaly**  
4278292390

# Monochromacy



**Original Color**  
4278488249

**Achromatopsia**  
4285032552

**Achromatomaly**  
4282676613

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278488249 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(4, 140, 185)` looks like.

```
.text, #text, p{  
    color:rgb(4, 140, 185)  
}
```

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(4, 140, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 140, 185) }
```

## Border

The CSS property to change the border of an element to Android 4278488249 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(4, 140, 185) }
```

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

```
.border{ border-color:rgb(4, 140, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 140, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 140, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 140, 185);  
box-shadow:4px 4px 4px 4px rgb(4, 140,  
185) }
```

# Background

The CSS property to change the background color of an element to Android 4278488249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 140, 185) }
```

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

```
.background{ background-color: rgb(4, 140,  
185) }
```

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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