

# Converting Colors

Android(4278684371)

Have a look what the booklet for  
Android(4278684371) contains.

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# Color

**Android(4278684371)**

# Conversions

## Conversions Part 1

Format	Color
Hex	078AD3
RGB	7, 138, 211
RGB Percent	3%, 54%, 83%
CMY	0.9725, 0.4588, 0.1725
CMYK	0.97, 0.35, 0.00, 0.17
HSL	201°, 94%, 43%
HSV	201°, 97%, 83%
XYZ	20.9340, 22.9253, 64.9497
YIQ	107.1530, -101.5090, -5.0690

# Conversions

## Conversions Part 2

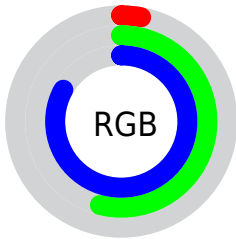
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">7, 87, 211</a>
Decimal	<a href="#">494291</a>
CIELab	<a href="#">55.00, -4.06, -45.95</a>
CIELCh	<a href="#">55, 46.132, 264.951</a>
Yxy	<a href="#">22.9253, 0.1924, 0.2107</a>
Android (android.graphics.Color)	<a href="#">4278684371 (0xFF078AD3)</a>
YUV	<a href="#">107.1530, 51.1966, -87.8342</a>
Hunter-Lab	<a href="#">47.8803, -5.7479, -46.9107</a>

# Details

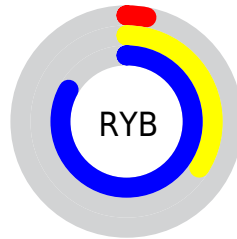
The Android color `4278684371` is a dark color, and the websafe version is hex `3399CC`. The color can be described as dark washed azure. A complement of this color would be `4292038663`, and the grayscale version is `4285229931`.

A 20% lighter version of the original color is `4284923903`, and `4278213020` is the 20% darker color. If you saturate the color by 10%, you get `4278224851`, and if you desaturate by 10%, it is `4280062675`.

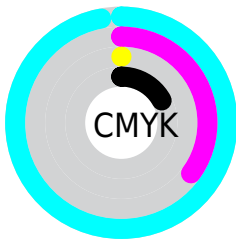
# Distribution



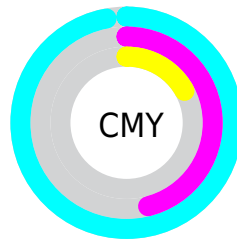
- Red (3%)
- Green (54%)
- Blue (83%)



- Red (3%)
- Yellow (34%)
- Blue (83%)



- Cyan (97%)
- Magenta (35%)
- Yellow (0%)
- Black (17%)



















- Cyan (97%)
- Magenta (46%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278684371 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 4278684371 by changing the saturation by 10% instead.



 4278684371	 4278684371
4294967295	 4278219191
 4284923903	 4278213020
 4287028223	 4278207106
 4289067007	 4278201448
 4291100671	 4278196303
 4293066751	 4278191416
	 4278190625
	 4278190087
	 4278190080

■ 4278684371

■ 4278684371

■ 4278224851

■ 4280062675

■ 4281440723

■ 4282819027

■ 4284197075

■ 4285640915

■ 4287018963

■ 4288397267

■ 4289775315

■ 4291153619

# Harmonies

## Analogous

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



4278227908



4278684371



4286282956

# Triad

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



4278684371



4291650660



4282880852

# Complementary

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



4278684371



4292038663

# 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.



4286155575



4278684371



4290670659

# Square

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



4278684371



4291387788



4288708401



4278228859

# Rectangle

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



4278684371



4288704957



4288708401



4284125513

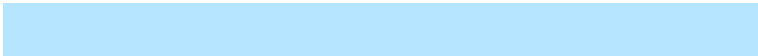


# Sweetspot

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



4278684371



4290110975



4278702926



4283658368



4278190080



4286611584

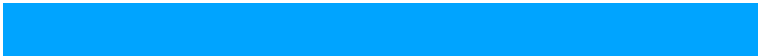


# Same Dimension

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



4278684371



4278232319



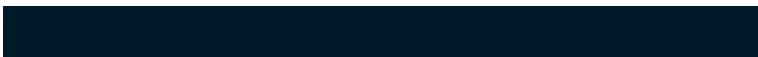
4278658771



4284376425



4278217896



4278196777



# Inverse Universe

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



4292020106



4294901924



4292064263



4285095525



4289200236



4280877082



# Previews

## White Background



This preview shows how the Android color 4278684371 looks on a white background.

## Color Contrast Check

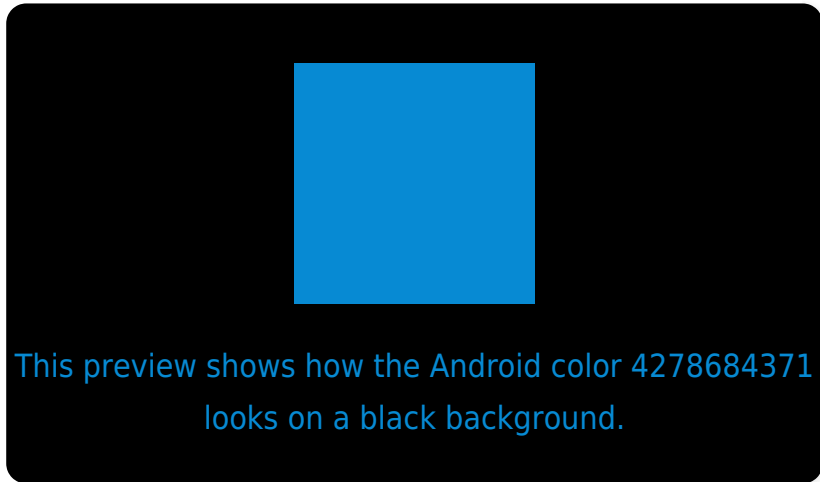
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278684371 Background



This preview shows how black text looks on a background with the Android color 4278684371.



This preview shows how white text looks on a background with the Android color 4278684371.

# 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**  
4278684371

**Protanomaly**  
4282746062

**Deuteranomaly**  
4281763540

**Tritanomaly**  
4278423472

# Monochromacy



**Original Color**  
4278684371

**Achromatopsia**  
4285229931

**Achromatomaly**  
4282873489

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278684371 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(7, 138, 211)` looks like.

```
.text, #text, p{  
    color:rgb(7, 138, 211)  
}
```

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(7, 138, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 138, 211) }
```

## Border

The CSS property to change the border of an element to Android 4278684371 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(7, 138, 211) }
```

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

```
.border{ border-color:rgb(7, 138, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 138, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 138, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 138, 211);  
box-shadow:4px 4px 4px 4px rgb(7, 138,  
211) }
```

# Background

The CSS property to change the background color of an element to Android 4278684371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 138, 211) }
```

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

```
.background{ background-color: rgb(7, 138,  
211) }
```

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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