

Converting Colors

Android(4278877378)

Have a look what the booklet for
Android(4278877378) contains.

Android(4278877378)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278877378)

Conversions

Conversions Part 1

Format	Color
Hex	0A7CC2
RGB	10, 124, 194
RGB Percent	4%, 49%, 76%
CMY	0.9608, 0.5137, 0.2392
CMYK	0.95, 0.36, 0.00, 0.24
HSL	203°, 90%, 40%
HSV	203°, 95%, 76%
XYZ	17.0704, 18.3749, 53.6859
YIQ	97.8940, -90.4140, -2.3980

Conversions

Conversions Part 2

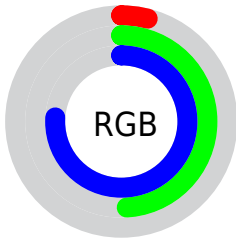
Format	Color
RYB	10, 80, 194
Decimal	687298
CIELab	49.95, -2.16, -44.30
CIELCh	50, 44.352, 267.214
Yxy	18.3749, 0.1915, 0.2062
Android (android.graphics.Color)	4278877378 (0xFF0A7CC2)
YUV	97.8940, 47.3803, -77.0830
Hunter-Lab	42.8659, -3.9316, -44.2495

Details

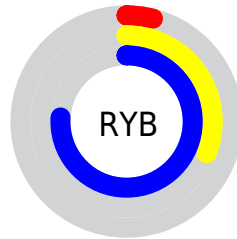
The Android color `4278877378` is a dark color, and the websafe version is hex `006699`. The color can be described as dark washed azure. A complement of this color would be `4290924554`, and the grayscale version is `4284637794`.

A 20% lighter version of the original color is `4284657915`, and `4278209676` is the 20% darker color. If you saturate the color by 10%, you get `4278220994`, and if you desaturate by 10%, it is `4280124354`.

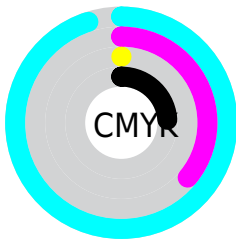
Distribution



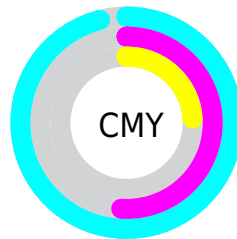
- Red (4%)
- Green (49%)
- Blue (76%)



- Red (4%)
- Yellow (31%)
- Blue (76%)



- Cyan (95%)
- Magenta (36%)
- Yellow (0%)
- Black (24%)



- Cyan (96%)
- Magenta (51%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278877378 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 4278877378 by changing the saturation by 10% instead.



4278877378



4278877378

4294967295



4278215591



4284657915



4278209676



4286696703



4278204018



4288669951



4278198617



4290707455



4278191937



4292673535



4278190890



4294639615



4278190356



4278190080



4278877378



4278877378

■ 4278220994

■ 4280124354

■ 4281437122

■ 4282684098

■ 4283996866

■ 4285243842

■ 4286490818

■ 4287803586

■ 4289050562

■ 4290363074

Harmonies

Analogous

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



4278224310



4278877378



4285689530

Triad

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



4278877378



4290468182



4281894476

Complementary

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



4278877378



4290924554

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.



4285169456



4278877378



4289422648

Square

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



4278877378



4290336380



4287591463



4278225266

Rectangle

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



4278877378



4287980714



4287591463



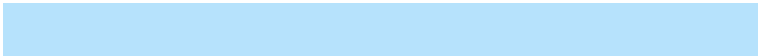
4283139137

Sweetspot

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



4278877378



4290175740



4278895181



4283723648



4278190080



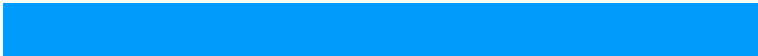
4286611584

Same Dimension

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



4278877378



4278230268



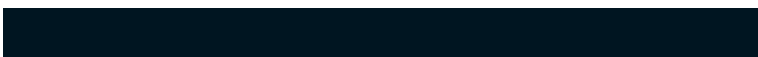
4278854594



4283915617



4278215841



4278195489

Inverse Universe

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



4290906748



4294705308



4290947338



4284569437



4288741476



4280352789

Previews

White Background



This preview shows how the Android color 4278877378 looks on a white background.

Color Contrast Check

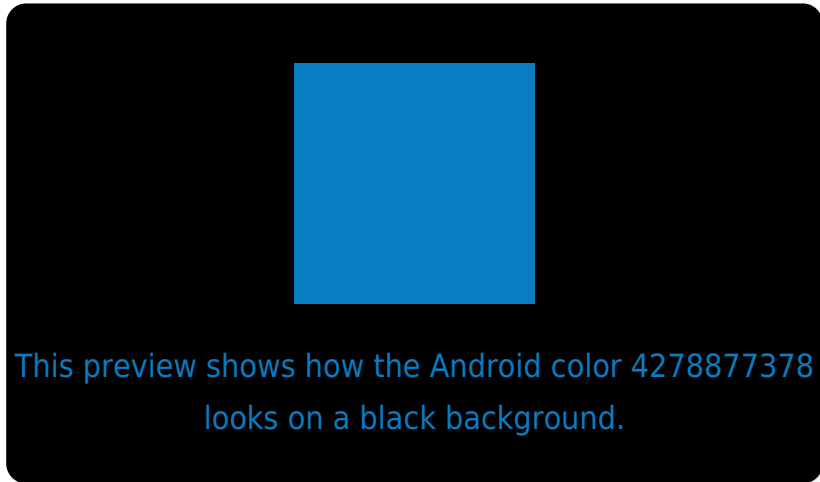
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278877378 Background



This preview shows how black text looks on a background with the Android color 4278877378.



This preview shows how white text looks on a background with the Android color 4278877378.

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
4278877378

Protanomaly
4282283966

Deuteranomaly
4281301443

Tritanomaly
4278485152

Monochromacy



Original Color
4278877378

Achromatopsia
4284637794

Achromatomaly
4282542981

CSS Examples

Text

The CSS property to change the color of the text to Android 4278877378 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(10, 124, 194)` looks like.

```
.text, #text, p{  
    color:rgb(10, 124, 194)  
}
```

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(10, 124, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 124, 194) }
```

Border

The CSS property to change the border of an element to Android 4278877378 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(10, 124, 194) }
```

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

```
.border{ border-color:rgb(10, 124, 194) }
```

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

Here you see how a box with a 4 pixel rgb(10, 124, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 124, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 124, 194);  
box-shadow:4px 4px 4px 4px rgb(10, 124,  
194) }
```

Background

The CSS property to change the background color of an element to Android 4278877378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 124, 194) }
```

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

```
.background{ background-color: rgb(10, 124,  
194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor