

# Converting Colors

Android(4279075480)

Have a look what the booklet for  
Android(4279075480) contains.

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# Color

**Android(4279075480)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D8298
RGB	13, 130, 152
RGB Percent	5%, 51%, 60%
CMY	0.9490, 0.4902, 0.4039
CMYK	0.91, 0.14, 0.00, 0.40
HSL	189°, 84%, 32%
HSV	189°, 91%, 60%
XYZ	13.8161, 18.3178, 32.5133
YIQ	97.5250, -76.7940, -17.9620

# Conversions

## Conversions Part 2

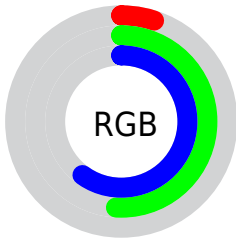
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 77, 152
Decimal	885400
CIELab	49.88, -21.07, -20.09
CIELCh	50, 29.112, 223.648
Yxy	18.3178, 0.2137, 0.2834
Android (android.graphics.Color)	4279075480 (0xFF0D8298)
YUV	97.5250, 26.8562, -74.1284
Hunter-Lab	42.7993, -17.2770, -15.0812

# Details

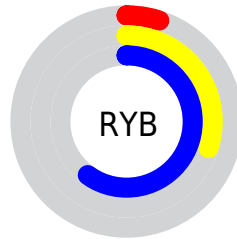
The Android color `4279075480` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4288160525`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4284135374`, and `4278210661` is the 20% darker color. If you saturate the color by 10%, you get `4278223000`, and if you desaturate by 10%, it is `4280059032`.

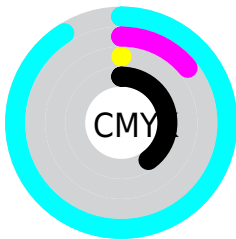
# Distribution



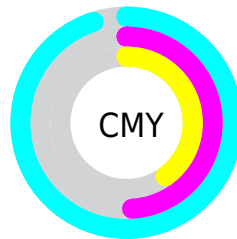
- Red (5%)
- Green (51%)
- Blue (60%)



- Red (5%)
- Yellow (30%)
- Blue (60%)



- Cyan (91%)
- Magenta (14%)
- Yellow (0%)
- Black (40%)



- Cyan (95%)
- Magenta (49%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279075480 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 4279075480 by changing the saturation by 10% instead.



 4279075480

 4279075480

4294967295

 4278217086

 4284135374

 4278210661

 4286043115

 4278204749

 4288016383

 4278199350

 4289921023

 4278190625

 4291821567

 4278190086

 4293787647

 4278190080

 4279075480

 4279075480

 4278223000

 4280059032

 4281042840

 4282091928

 4283075736

 4284059288

 4285042840

 4286026648

 4287075736

 4288059544

# Harmonies

## Analogous

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



4280059009



4279075480



4282023334

# Triad

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



4279075480



4288570757



4286347590

# Complementary

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



4279075480



4288160525

# 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.



4287852615



4279075480



4289160300

# Square

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



4279075480



4287130779



4288833622



4284514130

# Rectangle

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



4279075480



4283988136



4288833622



4286871109



# Sweetspot

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



4279075480



4287610052



4279080994



4282670691



4293125091



4284703587



# Same Dimension

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



4279075480



4278232516



4279058072



4282731341



4278220428



4278192909



# Inverse Universe

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



4288155010



4291035301



4288177933



4283254091



4287365238



4279042059



# Previews

## White Background



This preview shows how the Android color 4279075480 looks on a white background.

## Color Contrast Check

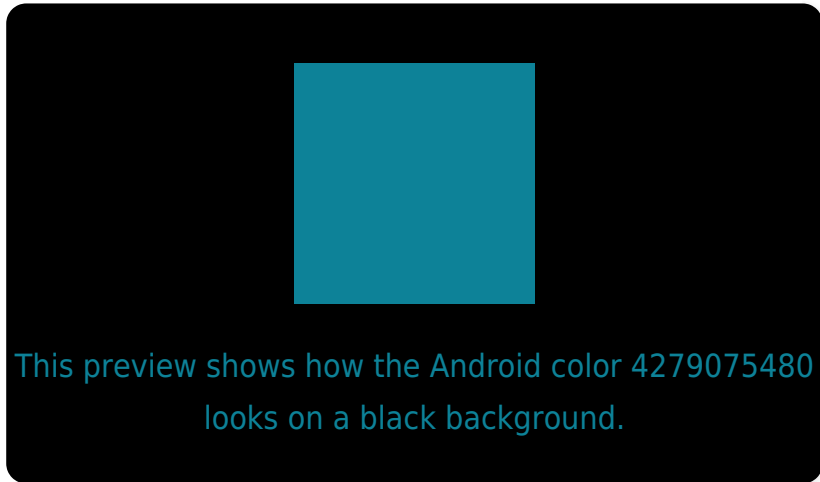
Large Text (above 18pt) WCAG AA ✓ Pass

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

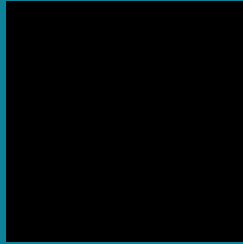
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4279075480 Background



This preview shows how black text looks on a background with the Android color 4279075480.

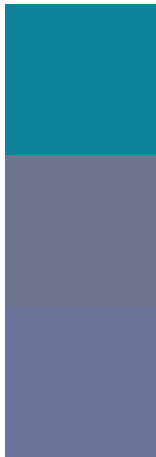


This preview shows how white text looks on a background with the Android color 4279075480.

# 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



**Original Color**  
4279075480

**Protanopia**  
4285560207

**Deuteranopia**  
4285363355



# Trichromacy



**Original Color**  
4279075480

**Protanomaly**  
4283202194

**Deuteranomaly**  
4283070874

**Tritanomaly**  
4278551442

# Monochromacy



**Original Color**  
4279075480

**Achromatopsia**  
4284637794

**Achromatomaly**  
4282609270

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279075480 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(13, 130, 152)` looks like.

```
.text, #text, p{  
    color:rgb(13, 130, 152)  
}
```

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(13, 130, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 130, 152) }
```

## Border

The CSS property to change the border of an element to Android 4279075480 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(13, 130, 152) }
```

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

```
.border{ border-color:rgb(13, 130, 152) }
```

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

Here you see how a box with a 4 pixel rgb(13, 130, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 130, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 130, 152);  
box-shadow:4px 4px 4px 4px rgb(13, 130,  
152) }
```

# Background

The CSS property to change the background color of an element to Android 4279075480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 130, 152) }
```

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

```
.background{ background-color: rgb(13, 130,  
152) }
```

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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