

# Converting Colors

Android(4279077004)

Have a look what the booklet for  
Android(4279077004) contains.

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# Color

**Android(4279077004)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D888C
RGB	13, 136, 140
RGB Percent	5%, 53%, 55%
CMY	0.9490, 0.4667, 0.4510
CMYK	0.91, 0.03, 0.00, 0.45
HSL	182°, 83%, 30%
HSV	182°, 91%, 55%
XYZ	13.7038, 19.5873, 27.8694
YIQ	99.6790, -74.5920, -24.8320

# Conversions

## Conversions Part 2

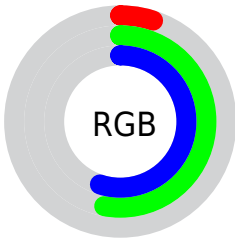
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 75, 140
Decimal	886924
CIELab	51.37, -28.19, -10.83
CIELCh	51, 30.204, 201.021
Yxy	19.5873, 0.2241, 0.3203
Android (android.graphics.Color)	4279077004 (0xFF0D888C)
YUV	99.6790, 19.8783, -76.0175
Hunter-Lab	44.2576, -22.1806, -6.3552

# Details

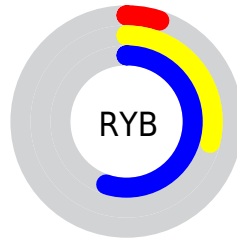
The Android color `4279077004` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4287369485`, and the grayscale version is `4284769380`.

A 20% lighter version of the original color is `4284071618`, and `4278212186` is the 20% darker color. If you saturate the color by 10%, you get `4278225036`, and if you desaturate by 10%, it is `4279994508`.

# Distribution



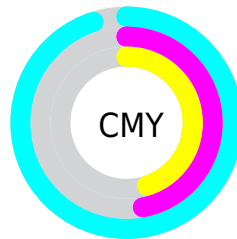
- Red (5%)
- Green (53%)
- Blue (55%)



- Red (5%)
- Yellow (29%)
- Blue (55%)



- Cyan (91%)
- Magenta (3%)
- Yellow (0%)
- Black (45%)



- Cyan (95%)
- Magenta (47%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279077004 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 4279077004 by changing the saturation by 10% instead.



 4279077004

 4279077004

4294967295

 4278218355

 4284071618

 4278212186

 4285979357


 4278206019

 4287887098

 4278200364

 4289789951

 4278192921

 4291756031

 4278190080

 4293656575


 4279077004

 4279077004

 4278225036

 4279994508

 4280912268

 4281829772

 4282747532

 4283665036

 4284582796

 4285500300

 4286418060

 4287335564

# Harmonies

## Analogous

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



4281960561



4279077004



4279469474

# Triad

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



4279077004



4287851931



4287788615

# Complementary

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



4279077004



4287369485

# 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.



4289031507



4279077004



4289161091

# Square

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



4279077004



4285691818



4289554281



4286152265

# Rectangle

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



4279077004



4281762475



4289554281



4288246602



# Sweetspot

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



4279077004



4286887093



4279077903



4282276700



4292598747



4284243036



# Same Dimension

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



4279077004



4278235061



4279061132



4282271045



4278222981



4278191365



# Inverse Universe

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



4287368584



4290052271



4287385357



4282728005



4286906496



4278517765



# Previews

## White Background



This preview shows how the Android color 4279077004 looks on a white background.

## Color Contrast Check

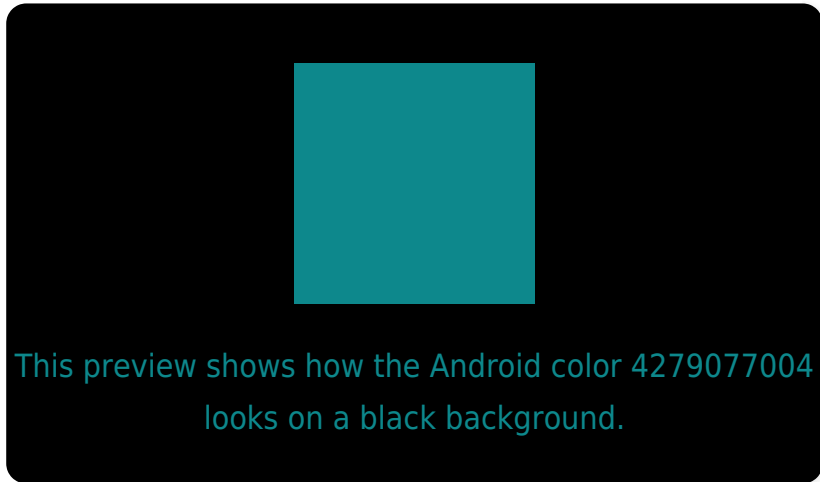
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279077004 Background



This preview shows how black text looks on a background with the Android color 4279077004.

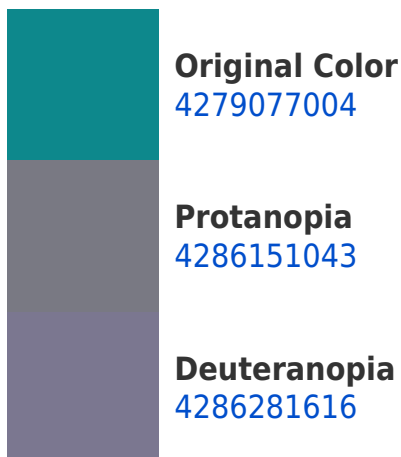


This preview shows how white text looks on a background with the Android color 4279077004.

# 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**

4279077004



**Protanomaly**

4283596422



**Deuteranomaly**

4283661711



**Tritanomaly**

4279469968

# Monochromacy



**Original Color**

4279077004



**Achromatopsia**

4284769380



**Achromatomaly**

4282675571

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279077004 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, 136, 140)` looks like.

```
.text, #text, p{  
    color:rgb(13, 136, 140)  
}
```

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, 136, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 136, 140) }
```

## Border

The CSS property to change the border of an element to Android 4279077004 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, 136, 140) }
```

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

```
.border{ border-color:rgb(13, 136, 140) }
```

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

Here you see how a box with a 4 pixel rgb(13, 136, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 136, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 136, 140);  
box-shadow:4px 4px 4px 4px rgb(13, 136,  
140) }
```

# Background

The CSS property to change the background color of an element to Android 4279077004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 136, 140) }
```

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

```
.background{ background-color: rgb(13, 136,  
140) }
```

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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