

# Converting Colors

Android(4278218884)

Have a look what the booklet for  
Android(4278218884) contains.

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# Color

**Android(4278218884)**

# Conversions

## Conversions Part 1

Format	Color
Hex	007084
RGB	0, 112, 132
RGB Percent	0%, 44%, 52%
CMY	1.0000, 0.5608, 0.4824
CMYK	1.00, 0.15, 0.00, 0.48
HSL	189°, 100%, 26%
HSV	189°, 100%, 52%
XYZ	9.9590, 13.2543, 23.8632
YIQ	80.7920, -73.1720, -17.5240

# Conversions

## Conversions Part 2

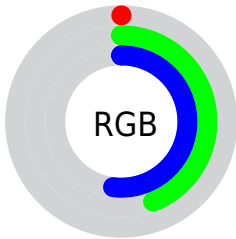
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 61, 132
Decimal	28804
CIELab	43.14, -19.21, -18.61
CIELCh	43, 26.747, 224.091
Yxy	13.2543, 0.2115, 0.2815
Android (android.graphics.Color)	4278218884 (0xFF007084)
YUV	80.7920, 25.2455, -70.8546
Hunter-Lab	36.4064, -14.8823, -13.3782

# Details

The Android color `4278218884` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4286845952`, and the grayscale version is `4283519313`.

A 20% lighter version of the original color is `4283475129`, and `4278206546` is the 20% darker color. If you saturate the color by 10%, you get `4278218884`, and if you desaturate by 10%, it is `4279071364`.

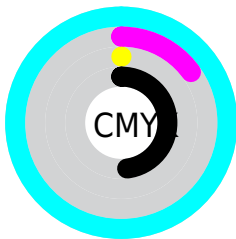
# Distribution



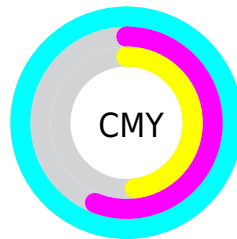
- Red (0%)
- Green (44%)
- Blue (52%)



- Red (0%)
- Yellow (24%)
- Blue (52%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (48%)



- Cyan (100%)
- Magenta (56%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278218884 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 4278218884 by changing the saturation by 10% instead.



 4278218884

 4278218884

4294967295

 4278212459

 4283475129

 4278206546

 4285382613

 4278200891

 4287290353

 4278195494

 4289132799

 4278190352

 4291035135

 4278190080

 4293001215

 4278218884

 4279071364

■ 4279923844

■ 4280841860

■ 4281694340

■ 4282546820

■ 4283399300

■ 4284251780

■ 4285169796

■ 4286022276

# Harmonies

## Analogous

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



4279333488



4278218884



4281298064

# Triad

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



4278218884



4287256179



4285163578

# Complementary

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



4278218884



4286845952

# 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.



4286537787



4278218884



4287714652

# Square

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



4278218884



4285947014



4287453512



4283526725

# Rectangle

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



4278218884



4283066258



4287453512



4285621817



# Sweetspot

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



4278218884



4286096299



4278223892



4281815639



4292269782



4283914071



# Same Dimension

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



4278218884



4278227371



4278201988



4282138946



4278218370



4278190595



# Inverse Universe

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



4286840944



4289396881



4286862848



4282530881



4286709870



4278386690



# Previews

## White Background



This preview shows how the Android color 4278218884 looks on a white background.

## Color Contrast Check

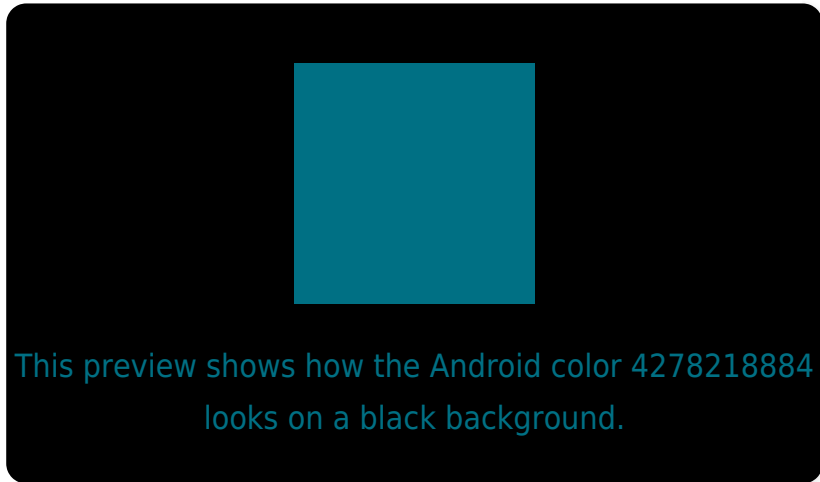
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

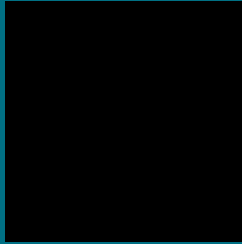
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278218884 Background



This preview shows how black text looks on a background with the Android color 4278218884.

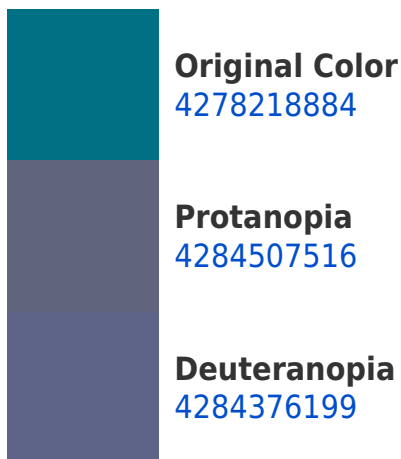


This preview shows how white text looks on a background with the Android color 4278218884.

# Color Blindness Simulation

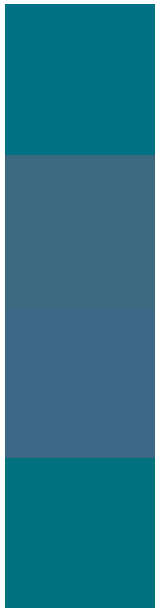
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
4278218884

**Protanomaly**  
4282214783

**Deuteranomaly**  
4282148998

**Tritanomaly**  
4278219134

# Monochromacy



**Original Color**  
4278218884

**Achromatopsia**  
4283519313

**Achromatomaly**  
4281621604

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278218884 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(0, 112, 132)` looks like.

```
.text, #text, p{  
    color:rgb(0, 112, 132)  
}
```

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(0, 112, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 112, 132) }
```

## Border

The CSS property to change the border of an element to Android 4278218884 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(0, 112, 132) }
```

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

```
.border{ border-color:rgb(0, 112, 132) }
```

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

Here you see how a box with a 4 pixel rgb(0, 112, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 112, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 112, 132);  
box-shadow:4px 4px 4px 4px rgb(0, 112,  
132) }
```

# Background

The CSS property to change the background color of an element to Android 4278218884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 112, 132) }
```

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

```
.background{ background-color: rgb(0, 112,  
132) }
```

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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