

# Converting Colors

Android(4278215015)

Have a look what the booklet for  
Android(4278215015) contains.

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# Color

**Android(4278215015)**

# Conversions

## Conversions Part 1

Format	Color
Hex	006167
RGB	0, 97, 103
RGB Percent	0%, 38%, 40%
CMY	1.0000, 0.6196, 0.5961
CMYK	1.00, 0.06, 0.00, 0.60
HSL	183°, 100%, 20%
HSV	183°, 100%, 40%
XYZ	6.7229, 9.5287, 14.3168
YIQ	68.6810, -59.7380, -18.6980

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 50, 103
Decimal	24935
CIELab	36.98, -21.59, -10.35
CIELCh	37, 23.947, 205.611
Yxy	9.5287, 0.2199, 0.3117
Android (android.graphics.Color)	4278215015 (0xFF006167)
YUV	68.6810, 16.9193, -60.2332
Hunter-Lab	30.8685, -15.1443, -5.8908

# Details

The Android color **4278215015** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4284941824**, and the grayscale version is **4282729797**.

A 20% lighter version of the original color is **4282946714**, and **4278202936** is the 20% darker color. If you saturate the color by 10%, you get **4278215015**, and if you desaturate by 10%, it is **4278870631**.

# Distribution



- Red (0%)
- Green (38%)
- Blue (40%)



- Red (0%)
- Yellow (20%)
- Blue (40%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (62%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278215015 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 4278215015 by changing the saturation by 10% instead.





4278215015



4278215015

4294967295



4278208847



4282946714



4278202936



4284788661



4278197795



4286630608



4278190092



4288407277



4278190080



4290314239



4292149247



4294115327



4278215015

■ 4278870631

■ 4279591527

■ 4280247143

■ 4280902503

■ 4281623655

■ 4282279271

■ 4282934631

■ 4283590247

■ 4284311143

# Harmonies

## Analogous

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



4280377683



4278215015



4279197558

# Triad

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



4278215015



4285353069



4284896560

# Complementary

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



4278215015



4284941824

# 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.



4285877816



4278215015



4286203995

# Square

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



4278215015



4283782010



4286335303



4283652916

# Rectangle

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



4278215015



4280966268



4286335303



4285289266



# Sweetspot

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



4278215015



4284450183



4278216453



4281090885



4291085508



4282729797



# Same Dimension

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



4278215015



4278222727



4278201959



4281217843



4278217843



4278248690



# Inverse Universe

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



4284940385



4287037567



4284954880



4281544243



4285726828



4294050020



# Previews

## White Background



This preview shows how the Android color 4278215015 looks on a white background.

## Color Contrast Check

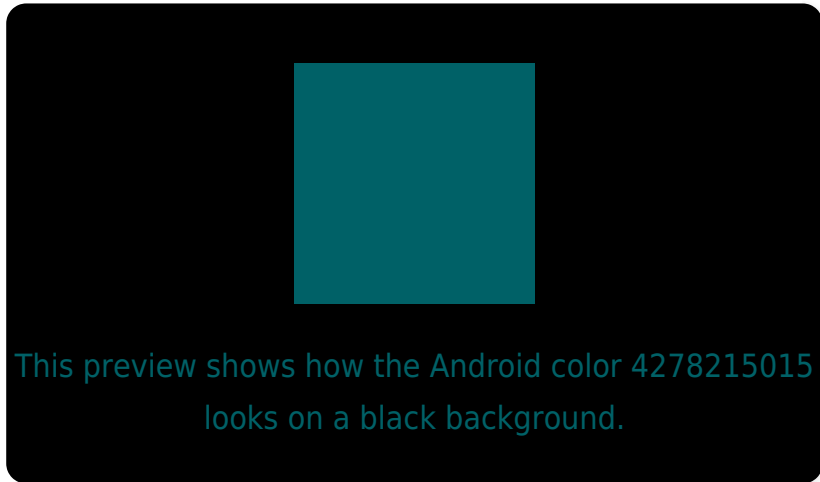
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4278215015 Background



This preview shows how black text looks on a background with the Android color 4278215015.



This preview shows how white text looks on a background with the Android color 4278215015.

# 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**

4278215015

**Protanopia**

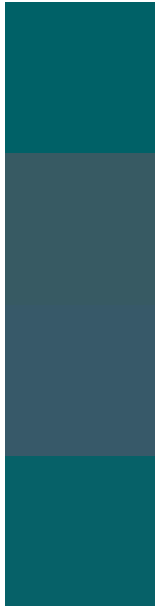
4283848288

**Deuteranopia**

4283848042



# Trichromacy



**Original Color**  
4278215015

**Protanomaly**  
4281817699

**Deuteranomaly**  
4281817449

**Tritanomaly**  
4278608232

# Monochromacy



**Original Color**  
4278215015

**Achromatopsia**  
4282729797

**Achromatomaly**  
4281093969

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278215015 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, 97, 103)` looks like.

```
.text, #text, p{  
    color:rgb(0, 97, 103)  
}
```

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, 97, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 97, 103) }
```

## Border

The CSS property to change the border of an element to Android 4278215015 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, 97, 103) }
```

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

```
.border{ border-color:rgb(0, 97, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 97, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 97, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 97, 103);  
box-shadow:4px 4px 4px 4px rgb(0, 97, 103)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278215015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 97, 103) }
```

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

```
.background{ background-color: rgb(0, 97,  
103) }
```

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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