

# Converting Colors

Android(4278415237)

Have a look what the booklet for  
Android(4278415237) contains.

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# Color

**Android(4278415237)**

# Conversions

## Conversions Part 1

Format	Color
Hex	036F85
RGB	3, 111, 133
RGB Percent	1%, 44%, 52%
CMY	0.9882, 0.5647, 0.4784
CMYK	0.98, 0.17, 0.00, 0.48
HSL	190°, 96%, 27%
HSV	190°, 98%, 52%
XYZ	9.9556, 13.0817, 24.1906
YIQ	81.2160, -71.4300, -16.0540

# Conversions

## Conversions Part 2

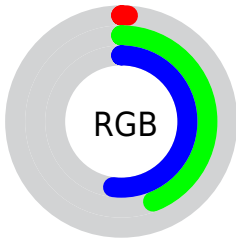
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 62, 133
Decimal	225157
CIELab	42.89, -18.13, -19.60
CIELCh	43, 26.700, 227.243
Yxy	13.0817, 0.2108, 0.2770
Android (android.graphics.Color)	4278415237 (0xFF036F85)
YUV	81.2160, 25.5295, -68.5954
Hunter-Lab	36.1686, -14.1619, -14.3368

# Details

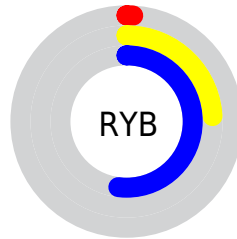
The Android color `4278415237` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4286912771`, and the grayscale version is `4283519313`.

A 20% lighter version of the original color is `4283540410`, and `4278206291` is the 20% darker color. If you saturate the color by 10%, you get `4278218373`, and if you desaturate by 10%, it is `4279267717`.

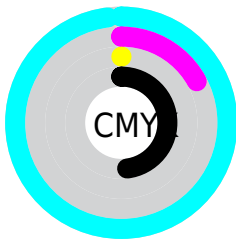
# Distribution



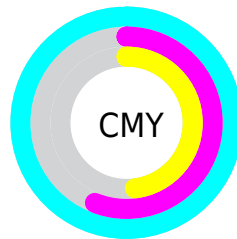
- Red (1%)
- Green (44%)
- Blue (52%)



- Red (1%)
- Yellow (24%)
- Blue (52%)



- Cyan (98%)
- Magenta (17%)
- Yellow (0%)
- Black (48%)



- Cyan (99%)
- Magenta (56%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278415237 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 4278415237 by changing the saturation by 10% instead.





4278415237



4278415237

4294967295



4278212204



4283540410



4278206291



4285447894



4278200636



4287355634



4278195238



4289197823



4278190353



4291100671



4278190080



4293001215



4278415237



4278415237



4278218373



4279267717

■ 4280185989

■ 4281038469

■ 4281890949

■ 4282808965

■ 4283661701

■ 4284514181

■ 4285366661

■ 4286284677

# Harmonies

## Analogous

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



4278940018



4278415237



4281559696

# Triad

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



4278415237



4287255920



4284966970

# Complementary

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



4278415237



4286912771

# 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.



4286341434



4278415237



4287648857

# Square

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



4278415237



4286077827



4287322438



4283329863

# Rectangle

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



4278415237



4283328145



4287322438



4285425209



# Sweetspot

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



4278415237



4286293421



4278420761



4281881175



4292269782



4283914071



# Same Dimension

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



4278415237



4278227117



4278398597



4282138946



4278217858



4278190595



# Inverse Universe

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



4286907247



4289527952



4286929411



4282530881



4286709868



4278386690



# Previews

## White Background



This preview shows how the Android color 4278415237 looks on a white background.

## Color Contrast Check

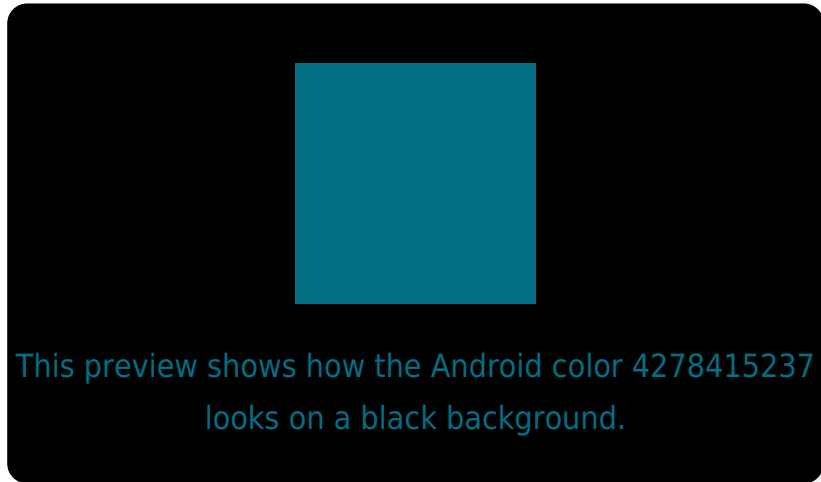
Large Text (above 18pt) WCAG AA ✓ Pass

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

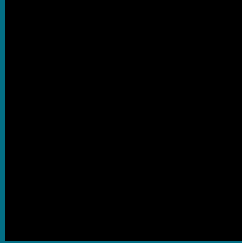
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278415237 Background



This preview shows how black text looks on a background with the Android color 4278415237.

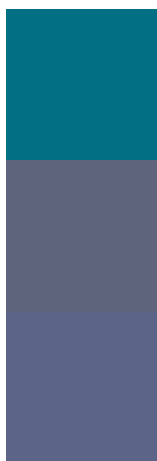


This preview shows how white text looks on a background with the Android color 4278415237.

# 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**  
4278415237

**Protanopia**  
4284441725

**Deuteranopia**  
4284245128

# Trichromacy



**Original Color**  
4278415237

**Protanomaly**  
4282280064

**Deuteranomaly**  
4282148999

# Monochromacy



**Original Color**  
4278415237

**Achromatopsia**  
4283519313

**Achromatomaly**  
4281687140

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278415237 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(3, 111, 133)` looks like.

```
.text, #text, p{  
    color:rgb(3, 111, 133)  
}
```

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(3, 111, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 111, 133) }
```

## Border

The CSS property to change the border of an element to Android 4278415237 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(3, 111, 133) }
```

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

```
.border{ border-color:rgb(3, 111, 133) }
```

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

Here you see how a box with a 4 pixel rgb(3, 111, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 111, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 111, 133);  
box-shadow:4px 4px 4px 4px rgb(3, 111,  
133) }
```

# Background

The CSS property to change the background color of an element to Android 4278415237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 111, 133) }
```

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

```
.background{ background-color: rgb(3, 111,  
133) }
```

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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