

# Converting Colors

Android(4278613642)

Have a look what the booklet for  
Android(4278613642) contains.

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# Color

**Android(4278613642)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	06768A
RGB	6, 118, 138
RGB Percent	2%, 46%, 54%
CMY	0.9765, 0.5373, 0.4588
CMYK	0.96, 0.14, 0.00, 0.46
HSL	189°, 92%, 28%
HSV	189°, 96%, 54%
XYZ	11.1410, 14.8306, 26.3201
YIQ	86.7920, -73.1720, -17.5240

# Conversions

## Conversions Part 2

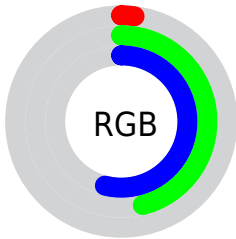
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 67, 138
Decimal	423562
CIELab	45.40, -19.96, -18.72
CIElCh	45, 27.368, 223.165
Yxy	14.8306, 0.2131, 0.2836
Android (android.graphics.Color)	4278613642 (0xFF06768A)
YUV	86.7920, 25.2455, -70.8546
Hunter-Lab	38.5105, -15.7537, -13.5647

# Details

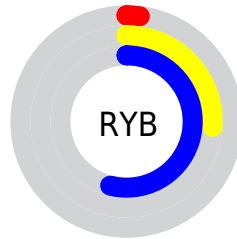
The Android color `4278613642` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4287240710`, and the grayscale version is `4283914071`.

A 20% lighter version of the original color is `4283738815`, and `4278207832` is the 20% darker color. If you saturate the color by 10%, you get `4278220170`, and if you desaturate by 10%, it is `4279531658`.

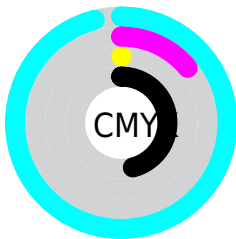
# Distribution



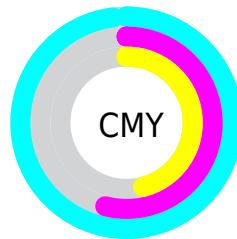
- Red (2%)
- Green (46%)
- Blue (54%)



- Red (2%)
- Yellow (26%)
- Blue (54%)



- Cyan (96%)
- Magenta (14%)
- Yellow (0%)
- Black (46%)



- Cyan (98%)
- Magenta (54%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278613642 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 4278613642 by changing the saturation by 10% instead.





4278613642



4278613642

4294967295



4278214001



4283738815



4278207832



4285646555



4278202177



4287554296



4278197290



4289462271



4278190358



4291362815



4278190080



4293263359



4278613642



4278613642



4278220170



4279531658

■ 4280449674

■ 4281302154

■ 4282220170

■ 4283138186

■ 4284056458

■ 4284974474

■ 4285826954

■ 4286744970

# Harmonies

## Analogous

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



4279728245



4278613642



4281561495

# Triad

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



4278613642



4287650681



4285558078

# Complementary

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



4278613642



4287240710

# 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.



4286998080



4278613642



4288174690

# Square

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



4278613642



4286276237



4287913549



4283921225

# Rectangle

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



4278613642



4283329945



4287913549



4286081853



# Sweetspot

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



4278613642



4286557107



4278618650



4282013017



4292467161



4284045657



# Same Dimension

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



4278613642



4278228915



4278596746



4282270789



4278219141



4278191109



# Inverse Universe

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



4287235702



4289921175



4287257606



4282728004



4286906481



4278517764



# Previews

## White Background



This preview shows how the Android color 4278613642 looks on a white background.

## Color Contrast Check

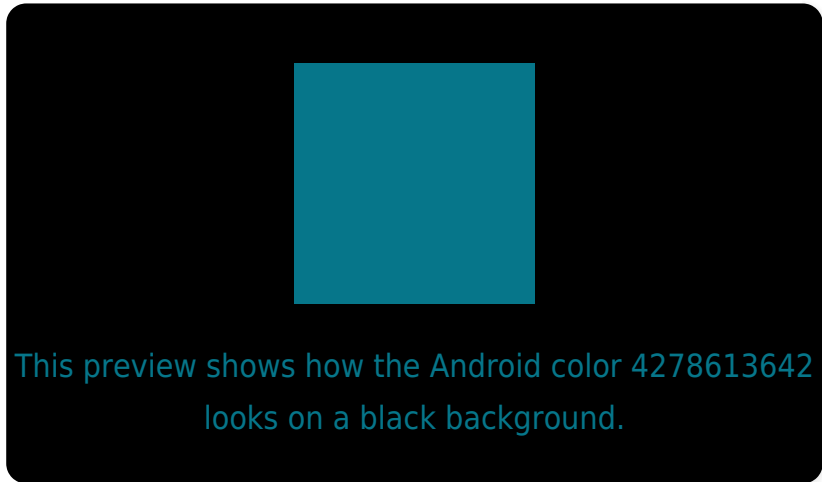
Large Text (above 18pt) WCAG AA ✓ Pass

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

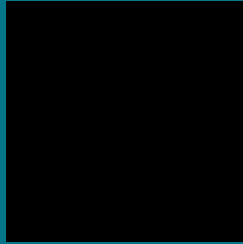
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278613642 Background



This preview shows how black text looks on a background with the Android color 4278613642.

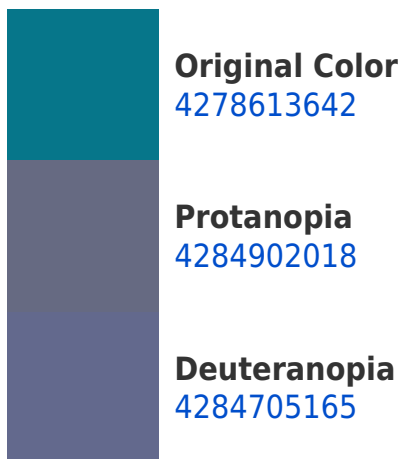


This preview shows how white text looks on a background with the Android color 4278613642.

# Color Blindness Simulation

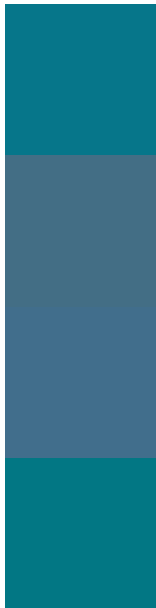
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
4278613642

**Protanomaly**  
4282609285

**Deuteranomaly**  
4282478220

**Tritanomaly**  
4278351748

# Monochromacy



**Original Color**  
4278613642

**Achromatopsia**  
4283914071

**Achromatomaly**  
4282016362

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278613642 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(6, 118, 138)` looks like.

```
.text, #text, p{  
    color:rgb(6, 118, 138)  
}
```

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(6, 118, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 118, 138) }
```

## Border

The CSS property to change the border of an element to Android 4278613642 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(6, 118, 138) }
```

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

```
.border{ border-color:rgb(6, 118, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 118, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 118, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 118, 138);  
box-shadow:4px 4px 4px 4px rgb(6, 118,  
138) }
```

# Background

The CSS property to change the background color of an element to Android 4278613642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 118, 138) }
```

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

```
.background{ background-color: rgb(6, 118,  
138) }
```

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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