

# Converting Colors

Android(4278805102)

Have a look what the booklet for  
Android(4278805102) contains.

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# Color

**Android(4278805102)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	09626E
RGB	9, 98, 110
RGB Percent	4%, 38%, 43%
CMY	0.9647, 0.6157, 0.5686
CMYK	0.92, 0.11, 0.00, 0.57
HSL	187°, 85%, 23%
HSV	187°, 92%, 43%
XYZ	7.2948, 9.9192, 16.2820
YIQ	72.7570, -56.8960, -15.1360

# Conversions

## Conversions Part 2

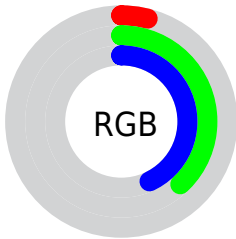
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	9, 56, 110
Decimal	615022
CIE <sub>Lab</sub>	37.70, -18.97, -13.58
CIE <sub>LCh</sub>	38, 23.325, 215.591
Yxy	9.9192, 0.2178, 0.2961
Android (android.graphics.Color)	4278805102 (0xFF09626E)
YUV	72.7570, 18.3608, -55.9149
Hunter-Lab	31.4948, -13.7718, -8.6050

# Details

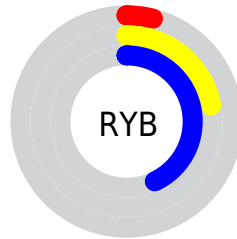
The Android color `4278805102` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4285404425`, and the grayscale version is `4282992969`.

A 20% lighter version of the original color is `4283274658`, and `4278203198` is the 20% darker color. If you saturate the color by 10%, you get `4278215022`, and if you desaturate by 10%, it is `4279526254`.

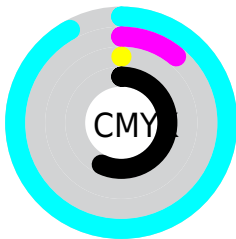
# Distribution



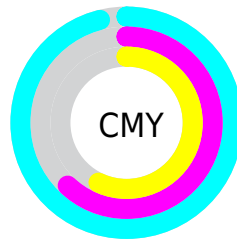
- Red (4%)
- Green (38%)
- Blue (43%)



- Red (4%)
- Yellow (22%)
- Blue (43%)



- Cyan (92%)
- Magenta (11%)
- Yellow (0%)
- Black (57%)



- Cyan (96%)
- Magenta (62%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278805102 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 4278805102 by changing the saturation by 10% instead.





4278805102



4278805102

4294967295



4278209110



4283274658



4278203198



4285051069



4278198056



4286893016



4278190356



4288735221



4278190080



4290576383



4292476927



4294377471



4278805102



4278805102

■ 4278215022

■ 4279526254

■ 4280247662

■ 4280968814

■ 4281689966

■ 4282411374

■ 4283132526

■ 4283853678

■ 4284574830

■ 4285296238

# Harmonies

## Analogous

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



4280116060



4278805102



4280442747

# Triad

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



4278805102



4285746281



4284635443

# Complementary

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



4278805102



4285404425

# 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.



4285682231



4278805102



4286401110

# Square

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



4278805102



4284502903



4286336068



4283326009

# Rectangle

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



4278805102



4281949054



4286336068



4285028147



# Sweetspot

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



4278805102



4284975759



4278808085



4281288007



4291282887



4282861383



# Same Dimension

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



4278805102



4278222479



4278792302



4281481016



4278217336



4278246135



# Inverse Universe

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



4285401442



4287561854



4285417225



4281872951



4286054506



4294377690



# Previews

## White Background



This preview shows how the Android color 4278805102 looks on a white background.

## Color Contrast Check

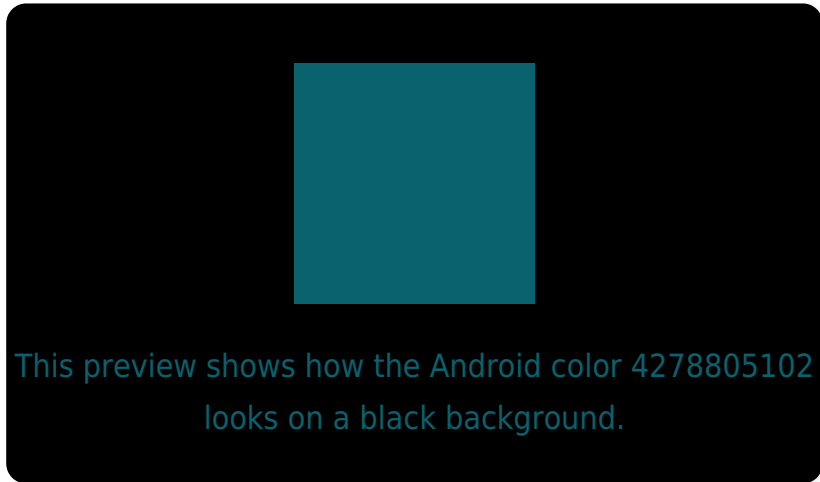
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278805102 Background



This preview shows how black text looks on a background with the Android color 4278805102.



This preview shows how white text looks on a background with the Android color 4278805102.

# 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**

4278805102

**Protanopia**

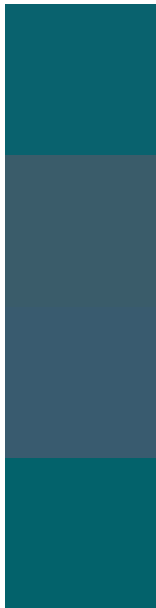
4283848807

**Deuteranopia**

4283783024



# Trichromacy



**Original Color**  
4278805102

**Protanomaly**  
4282014826

**Deuteranomaly**  
4281949039

**Tritanomaly**  
4278411883

# Monochromacy



**Original Color**  
4278805102

**Achromatopsia**  
4282992969

**Achromatomaly**  
4281487958

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278805102 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(9, 98, 110)` looks like.

```
.text, #text, p{  
    color:rgb(9, 98, 110)  
}
```

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(9, 98, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 98, 110) }
```

## Border

The CSS property to change the border of an element to Android 4278805102 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(9, 98, 110) }
```

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

```
.border{ border-color:rgb(9, 98, 110) }
```

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

Here you see how a box with a 4 pixel rgb(9, 98, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 98, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 98, 110);  
box-shadow:4px 4px 4px 4px rgb(9, 98, 110)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278805102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 98, 110) }
```

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

```
.background{ background-color: rgb(9, 98,  
110) }
```

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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