

# Converting Colors

Android(4278875518)

Have a look what the booklet for  
Android(4278875518) contains.

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# Color

**Android(4278875518)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A757E
RGB	10, 117, 126
RGB Percent	4%, 46%, 49%
CMY	0.9608, 0.5412, 0.5059
CMYK	0.92, 0.07, 0.00, 0.51
HSL	185°, 85%, 27%
HSV	185°, 92%, 49%
XYZ	10.2524, 14.2935, 21.9572
YIQ	86.0330, -66.6610, -19.8850

# Conversions

## Conversions Part 2

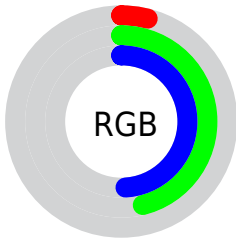
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 66, 126
Decimal	685438
CIELab	44.65, -23.41, -12.71
CIELCh	45, 26.643, 208.499
Yxy	14.2935, 0.2205, 0.3074
Android (android.graphics.Color)	4278875518 (0xFF0A757E)
YUV	86.0330, 19.7037, -66.6809
Hunter-Lab	37.8067, -17.7564, -7.9695

# Details

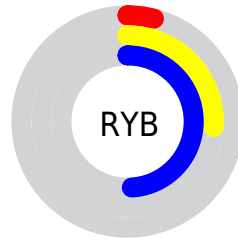
The Android color **4278875518** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4286452490**, and the grayscale version is **4283848278**.

A 20% lighter version of the original color is **4283673011**, and **4278207565** is the 20% darker color. If you saturate the color by 10%, you get **4278219902**, and if you desaturate by 10%, it is **4279727742**.

# Distribution



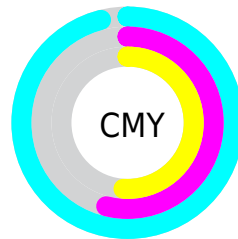
- Red (4%)
- Green (46%)
- Blue (49%)



- Red (4%)
- Yellow (26%)
- Blue (49%)



- Cyan (92%)
- Magenta (7%)
- Yellow (0%)
- Black (51%)



- Cyan (96%)
- Magenta (54%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278875518 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 4278875518 by changing the saturation by 10% instead.



 4278875518

 4278875518

4294967295

 4278213733

 4283673011

 4278207565

 4285515214


 4278201654

 4287422954

 4278196769

 4289265407

 4278190088

 4291166207

 4278190080

 4293066751


 4278875518

 4278875518

 4278219902

 4279727742

 4280514430

 4281366654

 4282153342

 4283005566

 4283857790

 4284644478

 4285496702

 4286283390

# Harmonies

## Analogous

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



4280972648



4278875518



4280251023

# Triad

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



4278875518



4286930305



4286146621

# Complementary

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



4278875518



4286452490

# 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.



4287324228



4278875518



4287846508

# Square

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



4278875518



4285228177



4287912534



4284641090

# Rectangle

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



4278875518



4282019477



4287912534



4286604606



# Sweetspot

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



4278875518



4285964451



4278877714



4281749330



4291940817



4283585106



# Same Dimension

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



4278875518



4278228899



4278860926



4281941824



4278220416



4278190080



# Inverse Universe

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



4286450293



4288872599



4286467082



4282399039



4286578806



4278190080



# Previews

## White Background



This preview shows how the Android color 4278875518 looks on a white background.

## Color Contrast Check

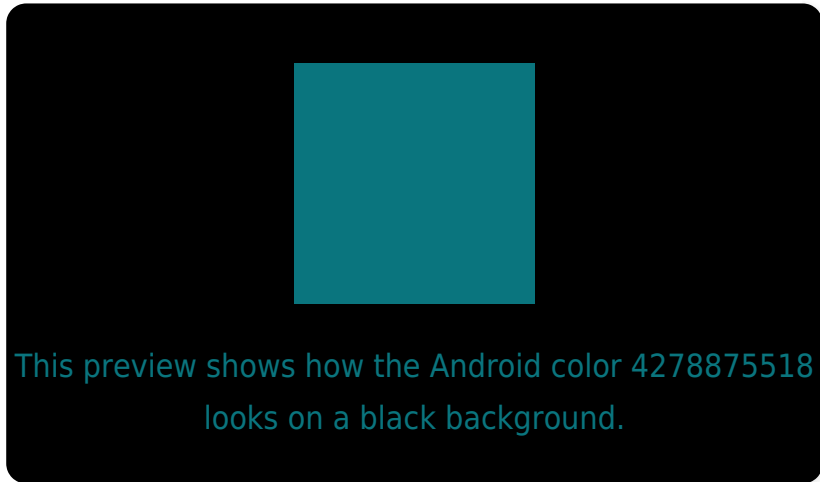
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278875518 Background



This preview shows how black text looks on a background with the Android color 4278875518.

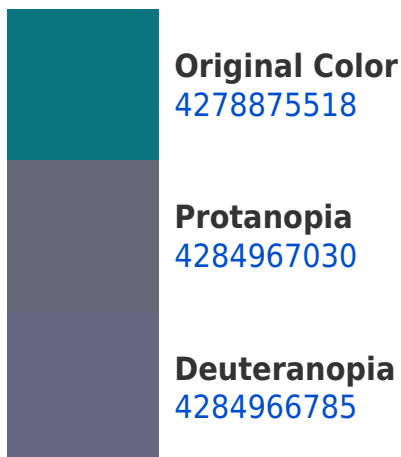


This preview shows how white text looks on a background with the Android color 4278875518.

# 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**

4278875518

**Protanomaly**

4282740089

**Deuteranomaly**

4282739840

**Tritanomaly**

4278941054

# Monochromacy



**Original Color**

4278875518

**Achromatopsia**

4283848278

**Achromatomaly**

4282016101

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278875518 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(10, 117, 126)` looks like.

```
.text, #text, p{  
    color:rgb(10, 117, 126)  
}
```

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(10, 117, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 117, 126) }
```

## Border

The CSS property to change the border of an element to Android 4278875518 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(10, 117, 126) }
```

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

```
.border{ border-color:rgb(10, 117, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 117, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 117, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 117, 126);  
box-shadow:4px 4px 4px 4px rgb(10, 117,  
126) }
```

# Background

The CSS property to change the background color of an element to Android 4278875518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 117, 126) }
```

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

```
.background{ background-color: rgb(10, 117,  
126) }
```

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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