

# Converting Colors

Android(4278350702)

Have a look what the booklet for  
Android(4278350702) contains.

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# Color

**Android(4278350702)**

# Conversions

## Conversions Part 1

Format	Color
Hex	02736E
RGB	2, 115, 110
RGB Percent	1%, 45%, 43%
CMY	0.9922, 0.5490, 0.5686
CMYK	0.98, 0.00, 0.04, 0.55
HSL	177°, 97%, 23%
HSV	177°, 98%, 45%
XYZ	8.9702, 13.4002, 16.8656
YIQ	80.6430, -65.7430, -25.5110

# Conversions

## Conversions Part 2

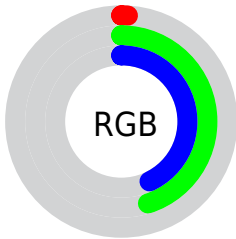
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 60, 115
Decimal	160622
CIELab	43.36, -28.22, -5.06
CIELCh	43, 28.668, 190.176
Yxy	13.4002, 0.2286, 0.3415
Android (android.graphics.Color)	4278350702 (0xFF02736E)
YUV	80.6430, 14.4730, -68.9699
Hunter-Lab	36.6062, -20.3200, -1.6923

# Details

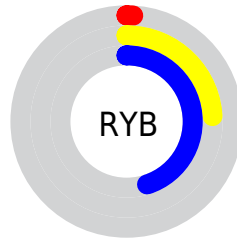
The Android color `4278350702` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4285727239`, and the grayscale version is `4283519313`.

A 20% lighter version of the original color is `4283345057`, and `4278207039` is the 20% darker color. If you saturate the color by 10%, you get `4278219630`, and if you desaturate by 10%, it is `4279071599`.

# Distribution



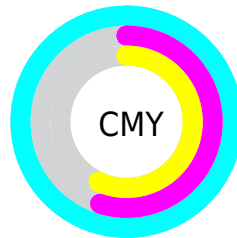
- Red (1%)
- Green (45%)
- Blue (43%)



- Red (1%)
- Yellow (24%)
- Blue (45%)



- Cyan (98%)
- Magenta (0%)
- Yellow (4%)
- Black (55%)



- Cyan (99%)
- Magenta (55%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278350702 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 4278350702 by changing the saturation by 10% instead.





4278350702



4278350702

4294967295



4278213206



4283345057



4278207039



4285187004



4278201129



4287029208



4278195477



4288937205



4278190080



4290772991



4292673535



4294639615



4278350702



4278350702

■ 4278219630

■ 4279071599

■ 4279858031

■ 4280644464

■ 4281365360

■ 4282151793

■ 4282872689

■ 4283659122

■ 4284380018

■ 4285166451

# Harmonies

## Analogous

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



4281692758



4278350702



4278219396

# Triad

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



4278350702



4285750667



4286799930

# Complementary

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



4278350702



4285727239

# 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.



4287715401



4278350702



4287256183

# Square

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



4278350702



4283459221



4287911007



4285425719

# Rectangle

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



4278350702



4278611855



4287911007



4287126846



# Sweetspot

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



4278350702



4285240981



4278743810



4281486667



4291611852



4283256141



# Same Dimension

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



4278350702



4278228624



4278337651



4281678650



4278221429



4278254319



# Inverse Universe

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



4285727239



4288020487



4285740290



4282070325



4286185477



4294574091



# Previews

## White Background



This preview shows how the Android color 4278350702 looks on a white background.

## Color Contrast Check

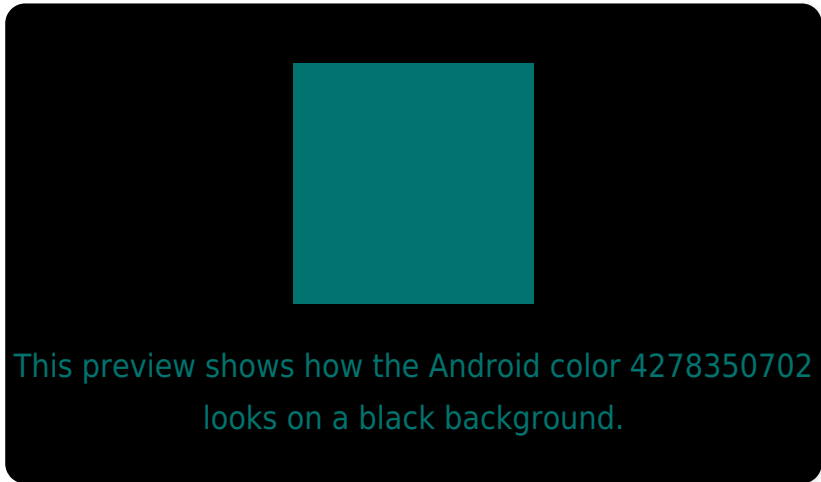
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278350702 Background



This preview shows how black text looks on a background with the Android color 4278350702.



This preview shows how white text looks on a background with the Android color 4278350702.

# 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



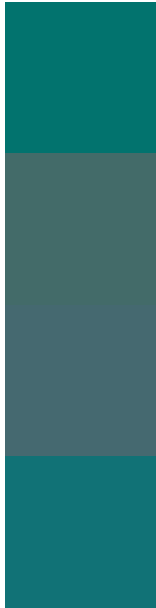
**Original Color**  
4278350702

**Protanopia**  
4285032038

**Deuteranopia**  
4285227889



# Trichromacy



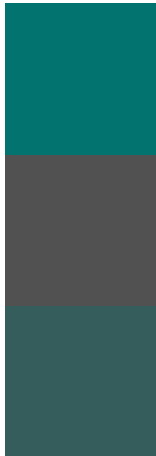
**Original Color**  
4278350702

**Protanomaly**  
4282608489

**Deuteranomaly**  
4282739056

**Tritanomaly**  
4279333494

# Monochromacy



**Original Color**  
4278350702

**Achromatopsia**  
4283519313

**Achromatomaly**  
4281621852

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278350702 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(2, 115, 110)` looks like.

```
.text, #text, p{  
    color:rgb(2, 115, 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(2, 115, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 115, 110) }
```

## Border

The CSS property to change the border of an element to Android 4278350702 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(2, 115, 110) }
```

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

```
.border{ border-color:rgb(2, 115, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 115, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 115, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 115, 110);  
box-shadow:4px 4px 4px 4px rgb(2, 115,  
110) }
```

# Background

The CSS property to change the background color of an element to Android 4278350702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 115, 110) }
```

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

```
.background{ background-color: rgb(2, 115,  
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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