

# Converting Colors

Android(4278401074)

Have a look what the booklet for  
Android(4278401074) contains.

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# Color

**Android(4278401074)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	033832
RGB	3, 56, 50
RGB Percent	1%, 22%, 20%
CMY	0.9882, 0.7804, 0.8039
CMYK	0.95, 0.00, 0.11, 0.78
HSL	173°, 90%, 12%
HSV	173°, 95%, 22%
XYZ	2.0274, 3.0780, 3.5049
YIQ	39.4690, -29.6620, -13.1020

# Conversions

## Conversions Part 2

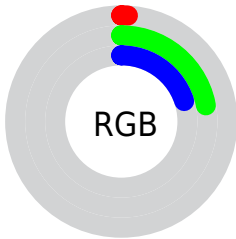
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	3, 31, 56
Decimal	210994
CIE <sub>Lab</sub>	20.35, -18.03, -0.94
CIE <sub>LCh</sub>	20, 18.054, 182.992
Yxy	3.0780, 0.2355, 0.3575
Android (android.graphics.Color)	4278401074 (0xFF033832)
YUV	39.4690, 5.1918, -31.9833
Hunter-Lab	17.5442, -10.0745, 0.4364

# Details

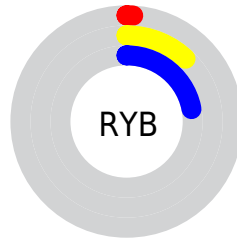
The Android color **4278401074** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4281860873**, and the grayscale version is **4280756007**.

A 20% lighter version of the original color is **4281886560**, and **4278190852** is the 20% darker color. If you saturate the color by 10%, you get **4278204466**, and if you desaturate by 10%, it is **4278794291**.

# Distribution



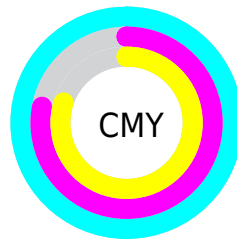
- Red (1%)
- Green (22%)
- Blue (20%)



- Red (1%)
- Yellow (12%)
- Blue (22%)



- Cyan (95%)
- Magenta (0%)
- Yellow (11%)
- Black (78%)



- Cyan (99%)
- Magenta (78%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278401074 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 4278401074 by changing the saturation by 10% instead.




 4278401074

 4278401074

 4294246399

 4278198813

 4281886560

 4278190852

 4283531641

 4278190080

 4285176723

 4286887597

 4288664008

 4290506469

 4292345855

 4278401074

 4278401074

■ 4278204466

■ 4278794291

■ 4279121971

■ 4279515188

■ 4279842869

■ 4280236085

■ 4280629302

■ 4280956982

■ 4281350199

■ 4281677880

# Harmonies

## Analogous

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



4279908133



4278401074



4278204479

# Triad

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



4278401074



4281609543



4282592282

# Complementary

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



4278401074



4281860873

# 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.



4283050019



4278401074



4282591549

# Square

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



4278401074



4280234571



4283049520



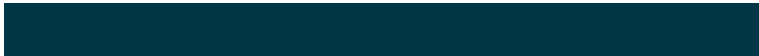
4281872662

# Rectangle

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



4278401074



4278203974



4283049520



4282788636



# Sweetspot

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



4278401074



4281682504



4278794243



4279838245



4289111718



4280690214



# Same Dimension

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



4278401074



4278209090



4278395960



4279835676



4278213713



4278246338



# Inverse Universe

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



4281860873



4283039752



4281865987



4280031514



4284219402

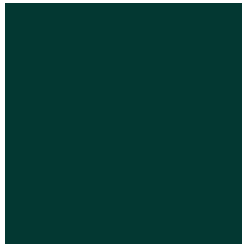


4292542489



# Previews

## White Background



This preview shows how the Android color 4278401074 looks on a white background.

## Color Contrast Check

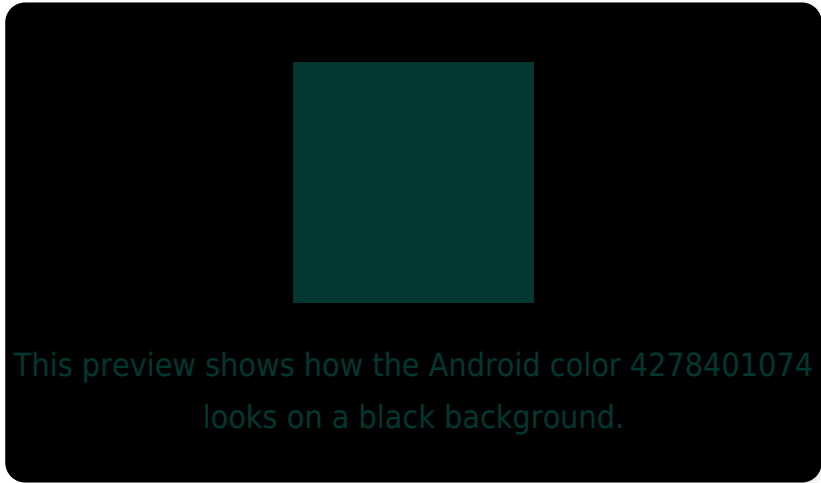
Large Text (above 18pt) WCAG AA ✓ Pass

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

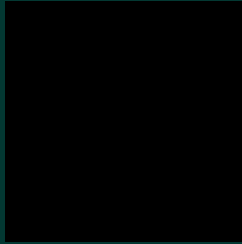
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278401074 Background



This preview shows how black text looks on a background with the Android color 4278401074.



This preview shows how white text looks on a background with the Android color 4278401074.

# 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



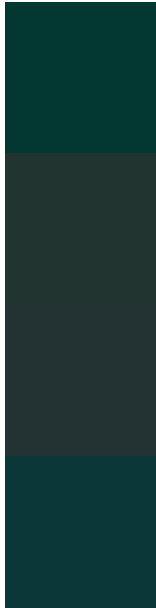
**Original Color**  
4278401074

**Protanopia**  
4281545006

**Deuteranopia**  
4281675828



# Trichromacy



**Original Color**  
4278401074

**Protanomaly**  
4280431663

**Deuteranomaly**  
4280496947

**Tritanomaly**  
4278925112

# Monochromacy



**Original Color**  
4278401074

**Achromatopsia**  
4280756007

**Achromatomaly**  
4279905579

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278401074 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, 56, 50)` looks like.

```
.text, #text, p{  
    color:rgb(3, 56, 50)  
}
```

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, 56, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 56, 50) }
```

## Border

The CSS property to change the border of an element to Android 4278401074 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, 56, 50) }
```

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

```
.border{ border-color:rgb(3, 56, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 56, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 56, 50); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 56, 50); box-shadow:4px  
4px 4px 4px rgb(3, 56, 50) }
```

# Background

The CSS property to change the background color of an element to Android 4278401074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 56, 50) }
```

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

```
.background{ background-color: rgb(3, 56,  
50) }
```

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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