

# Converting Colors

Android(4278209604)

Have a look what the booklet for  
Android(4278209604) contains.

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# Color

**Android(4278209604)**

# Conversions

## Conversions Part 1

Format	Color
Hex	004C44
RGB	0, 76, 68
RGB Percent	0%, 30%, 27%
CMY	1.0000, 0.7020, 0.7333
CMYK	1.00, 0.00, 0.11, 0.70
HSL	174°, 100%, 15%
HSV	174°, 100%, 30%
XYZ	3.6278, 5.5862, 6.3559
YIQ	52.3640, -42.7280, -18.6000

# Conversions

## Conversions Part 2

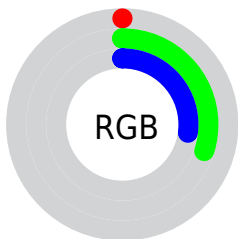
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 40, 76
Decimal	19524
CIELab	28.34, -22.79, -1.13
CIELCh	28, 22.817, 182.836
Yxy	5.5862, 0.2330, 0.3588
Android (android.graphics.Color)	4278209604 (0xFF004C44)
YUV	52.3640, 7.7085, -45.9232
Hunter-Lab	23.6352, -13.9632, 0.6006

# Details

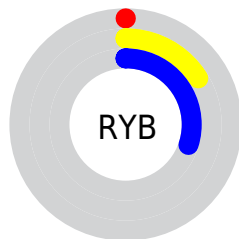
The Android color **4278209604** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4283170824**, and the grayscale version is **4281611316**.

A 20% lighter version of the original color is **4282285428**, and **4278198297** is the 20% darker color. If you saturate the color by 10%, you get **4278209604**, and if you desaturate by 10%, it is **4278733893**.

# Distribution



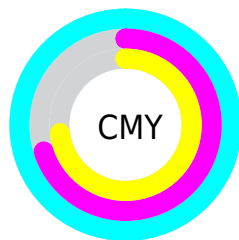
- Red (0%)
- Green (30%)
- Blue (27%)



- Red (0%)
- Yellow (16%)
- Blue (30%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (70%)



- Cyan (100%)
- Magenta (70%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278209604 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 4278209604 by changing the saturation by 10% instead.



 4278209604

 4278209604

4294967295

 4278203694

 4282285428

 4278198297


 4283996046

 4278190080

 4285772456

 4287549123

 4289325791

 4291166204

 4293066751

 4278209604

■ 4278733893

■ 4279192646

■ 4279716934

■ 4280175687

■ 4280699976

■ 4281224265

■ 4281683018

■ 4282207306

■ 4282666059

# Harmonies

## Analogous

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



4280568626



4278209604



4278209365

# Triad

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



4278209604



4282859104



4284169252

# Complementary

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



4278209604



4283170824

# 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.



4284692273



4278209604



4284102483

# Square

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



4278209604



4280960102



4284757314



4283187743

# Rectangle

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



4278209604



4278209118



4284757314



4284365351



# Sweetspot

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



4278209604



4282803040



4278799360



4280365873



4289967027



4281545523



# Same Dimension

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



4278209604



4278215513



4278202188



4280428070



4278216283



4278249165



# Inverse Universe

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



4283170824



4284678154



4283178240



4280689187



4284874763



4293263384



# Previews

## White Background



This preview shows how the Android color 4278209604 looks on a white background.

## Color Contrast Check

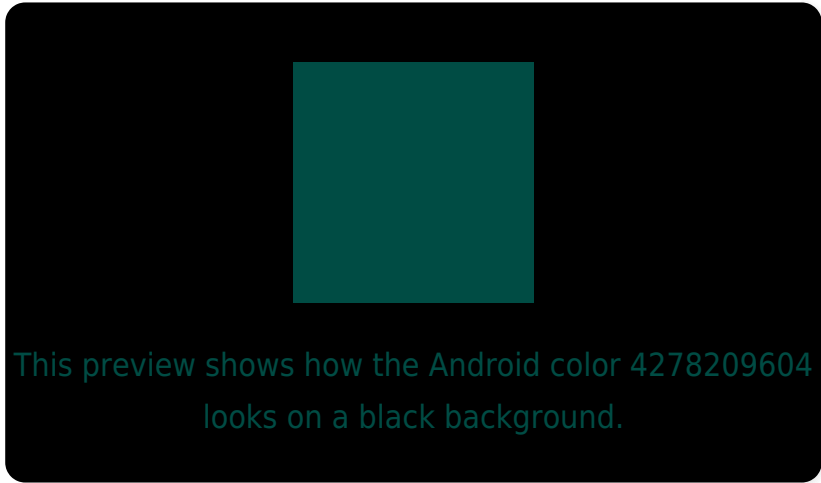
Large Text (above 18pt) WCAG AA ✓ Pass

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

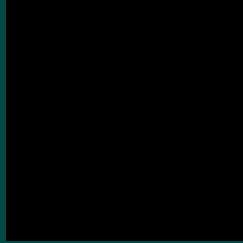
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278209604 Background



This preview shows how black text looks on a background with the Android color 4278209604.



This preview shows how white text looks on a background with the Android color 4278209604.

# 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



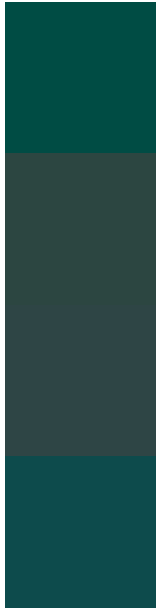
**Original Color**  
4278209604

**Protanopia**  
4282729279

**Deuteranopia**  
4282925382



# Trichromacy



**Original Color**

4278209604

**Protanomaly**

4281091649

**Deuteranomaly**

4281222469

**Tritanomaly**

4279061324

# Monochromacy



**Original Color**

4278209604

**Achromatopsia**

4281611316

**Achromatomaly**

4280368442

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278209604 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(0, 76, 68)` looks like.

```
.text, #text, p{  
    color:rgb(0, 76, 68)  
}
```

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(0, 76, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 76, 68) }
```

## Border

The CSS property to change the border of an element to Android 4278209604 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(0, 76, 68) }
```

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

```
.border{ border-color:rgb(0, 76, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 76, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 76, 68); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 76, 68); box-shadow:4px  
4px 4px 4px rgb(0, 76, 68) }
```

# Background

The CSS property to change the background color of an element to Android 4278209604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 76, 68) }
```

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

```
.background{ background-color: rgb(0, 76,  
68) }
```

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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