

# Converting Colors

Android(4278214752)

Have a look what the booklet for  
Android(4278214752) contains.

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# Color

**Android(4278214752)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	006060
RGB	0, 96, 96
RGB Percent	0%, 38%, 38%
CMY	1.0000, 0.6235, 0.6235
CMYK	1.00, 0.00, 0.00, 0.62
HSL	180°, 100%, 19%
HSV	180°, 100%, 38%
XYZ	6.2942, 9.2103, 12.5124
YIQ	67.2960, -57.2160, -20.3520

# Conversions

## Conversions Part 2

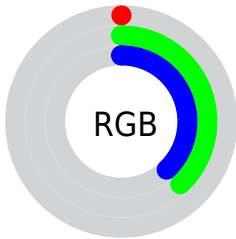
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 48, 96
Decimal	24672
CIELab	36.39, -23.51, -6.91
CIELCh	36, 24.509, 196.386
Yxy	9.2103, 0.2247, 0.3287
Android (android.graphics.Color)	4278214752 (0xFF006060)
YUV	67.2960, 14.1511, -59.0186
Hunter-Lab	30.3484, -16.0893, -3.2008

# Details

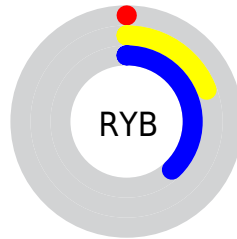
The Android color `4278214752` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4284481536`, and the grayscale version is `4282598211`.

A 20% lighter version of the original color is `4282880914`, and `4278202674` is the 20% darker color. If you saturate the color by 10%, you get `4278214752`, and if you desaturate by 10%, it is `4278870112`.

# Distribution



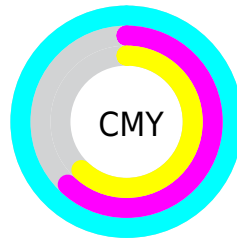
- Red (0%)
- Green (38%)
- Blue (38%)



- Red (0%)
- Yellow (19%)
- Blue (38%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (62%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278214752 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 4278214752 by changing the saturation by 10% instead.



 4278214752

 4278214752

4294967295

 4278208584

 4282880914

 4278202674

 4284657325

 4278197789

 4286499272

 4278190082

 4288341476

 4278190080

 4290183167

 4292018175

 4293984255

 4278214752

■ 4278870112

■ 4279459936

■ 4280115296

■ 4280705120

■ 4281360480

■ 4282015840

■ 4282605664

■ 4283261024

■ 4283850848

# Harmonies

## Analogous

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



4280770380



4278214752



4278214257

# Triad

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



4278214752



4284829041



4285157679

# Complementary

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



4278214752



4284481536

# 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.



4286008122



4278214752



4285941599

# Square

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



4278214752



4283061371



4286334539



4283979823

# Rectangle

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



4278214752



4279786617



4286334539



4285484850



# Sweetspot

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



4278214752



4283923837



4278214656



4280893504



4290756543



4282400832



# Same Dimension

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



4278214752



4278222205



4278202464



4281086000



4278218864



4278251760



# Inverse Universe

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



4284481632



4286382205



4284493824



4281347120



4285530224



4293918960



# Previews

## White Background



This preview shows how the Android color 4278214752 looks on a white background.

## Color Contrast Check

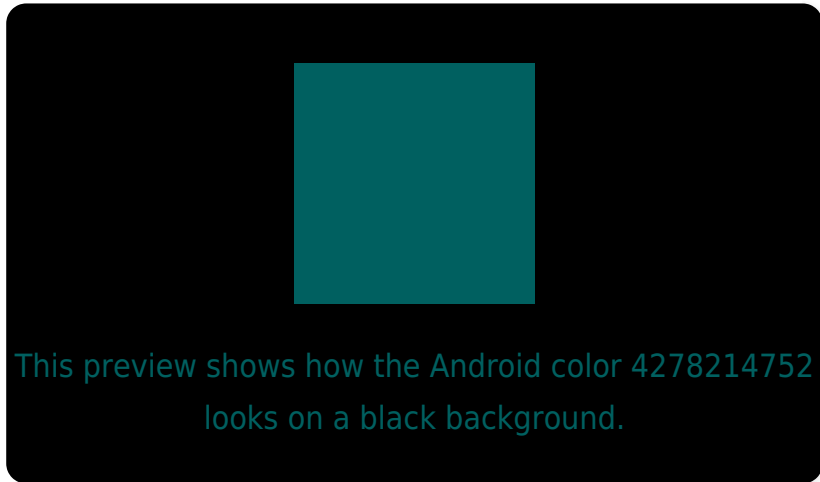
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278214752 Background



This preview shows how black text looks on a background with the Android color 4278214752.



This preview shows how white text looks on a background with the Android color 4278214752.

# 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**

4278214752

**Protanopia**

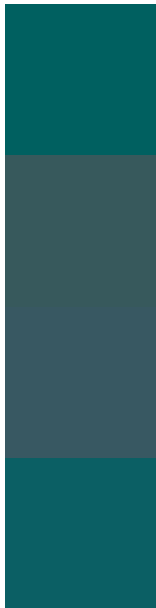
4283848025

**Deuteranopia**

4283978851



# Trichromacy



**Original Color**  
4278214752

**Protanomaly**  
4281817436

**Deuteranomaly**  
4281882722

**Tritanomaly**  
4278935396

# Monochromacy



**Original Color**  
4278214752

**Achromatopsia**  
4282598211

**Achromatomaly**  
4281028174

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278214752 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, 96, 96)` looks like.

```
.text, #text, p{  
    color:rgb(0, 96, 96)  
}
```

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, 96, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 96, 96) }
```

## Border

The CSS property to change the border of an element to Android 4278214752 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, 96, 96) }
```

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

```
.border{ border-color:rgb(0, 96, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 96, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 96, 96); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 96, 96); box-shadow:4px  
4px 4px 4px rgb(0, 96, 96) }
```

# Background

The CSS property to change the background color of an element to Android 4278214752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 96, 96) }
```

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

```
.background{ background-color: rgb(0, 96,  
96) }
```

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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