

# Converting Colors

Android(4278874221)

Have a look what the booklet for  
Android(4278874221) contains.

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# Color

**Android(4278874221)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A706D
RGB	10, 112, 109
RGB Percent	4%, 44%, 43%
CMY	0.9608, 0.5608, 0.5725
CMYK	0.91, 0.00, 0.03, 0.56
HSL	178°, 84%, 24%
HSV	178°, 91%, 44%
XYZ	8.6797, 12.7570, 16.4729
YIQ	81.1600, -59.8290, -22.5570

# Conversions

## Conversions Part 2

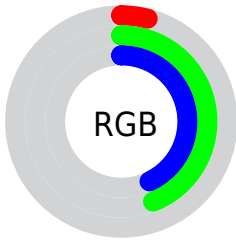
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 62, 112
Decimal	684141
CIELab	42.39, -26.54, -5.89
CIELCh	42, 27.187, 192.510
Yxy	12.7570, 0.2290, 0.3365
Android (android.graphics.Color)	4278874221 (0xFF0A706D)
YUV	81.1600, 13.7251, -62.4073
Hunter-Lab	35.7169, -19.1269, -2.3431

# Details

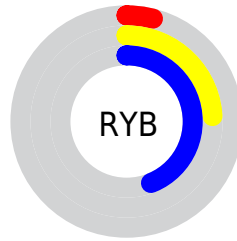
The Android color `4278874221` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4285532685`, and the grayscale version is `4283519313`.

A 20% lighter version of the original color is `4283409568`, and `4278206270` is the 20% darker color. If you saturate the color by 10%, you get `4278218861`, and if you desaturate by 10%, it is `4279595117`.

# Distribution



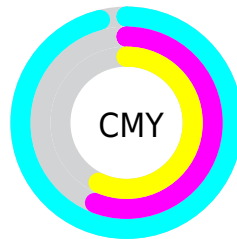
- Red (4%)
- Green (44%)
- Blue (43%)



- Red (4%)
- Yellow (24%)
- Blue (44%)



- Cyan (91%)
- Magenta (0%)
- Yellow (3%)
- Black (56%)



- Cyan (96%)
- Magenta (56%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278874221 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 4278874221 by changing the saturation by 10% instead.





4278874221



4278874221

4294967295



4278212437



4283409568



4278206270



4285251771



4278200616



4287093975



4278194196



4288936179



4278190080



4290838527



4292739071



4294705151



4278874221



4278874221

■ 4278218861

■ 4279595117

■ 4280316014

■ 4281102446

■ 4281823342

■ 4282544239

■ 4283265135

■ 4283986031

■ 4284772464

■ 4285493360

# Harmonies

## Analogous

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



4281626454



4278874221



4278218370

# Triad

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



4278874221



4285750149



4286471737

# Complementary

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



4278874221



4285532685

# 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.



4287387463



4278874221



4287059058

# Square

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



4278874221



4283589520



4287648347



4285097528

# Rectangle

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



4278874221



4279790731



4287648347



4286798909



# Sweetspot

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



4278874221



4285174160



4279070730



4281485897



4291414473



4283058762



# Same Dimension

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



4278874221



4278227341



4278861936



4281481272



4278220916



4278253552



# Inverse Universe

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



4285532685



4287692804



4285544970



4281872947



4286054404



4294377479



# Previews

## White Background



This preview shows how the Android color 4278874221 looks on a white background.

## Color Contrast Check

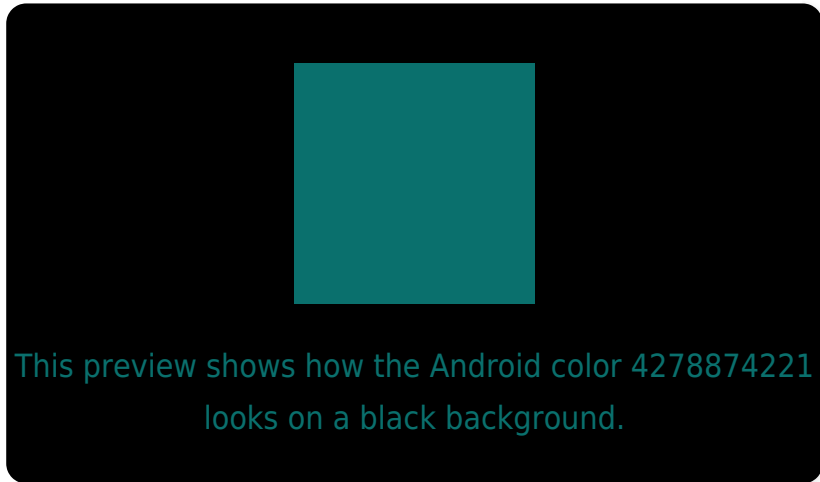
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278874221 Background



This preview shows how black text looks on a background with the Android color 4278874221.



This preview shows how white text looks on a background with the Android color 4278874221.

# 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**

4278874221

**Protanopia**

4284834661

**Deuteranopia**

4285030768



# Trichromacy



**Original Color**  
4278874221

**Protanomaly**  
4282673256

**Deuteranomaly**  
4282803823

**Tritanomaly**  
4279529331

# Monochromacy



**Original Color**  
4278874221

**Achromatopsia**  
4283519313

**Achromatomaly**  
4281818203

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278874221 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, 112, 109)` looks like.

```
.text, #text, p{  
    color:rgb(10, 112, 109)  
}
```

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, 112, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 112, 109) }
```

## Border

The CSS property to change the border of an element to Android 4278874221 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, 112, 109) }
```

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

```
.border{ border-color:rgb(10, 112, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 112, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 112, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 112, 109);  
box-shadow:4px 4px 4px 4px rgb(10, 112,  
109) }
```

# Background

The CSS property to change the background color of an element to Android 4278874221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 112, 109) }
```

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

```
.background{ background-color: rgb(10, 112,  
109) }
```

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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