

# Converting Colors

Android(4278873704)

Have a look what the booklet for  
Android(4278873704) contains.

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# Color

**Android(4278873704)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A6E68
RGB	10, 110, 104
RGB Percent	4%, 43%, 41%
CMY	0.9608, 0.5686, 0.5922
CMYK	0.91, 0.00, 0.05, 0.57
HSL	176°, 83%, 24%
HSV	176°, 91%, 43%
XYZ	8.1998, 12.2159, 15.0224
YIQ	79.4160, -57.6740, -23.0660

# Conversions

## Conversions Part 2

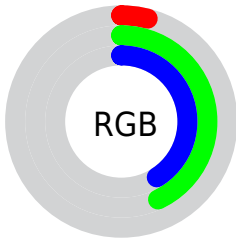
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 62, 110
Decimal	683624
CIELab	41.56, -27.16, -4.11
CIELCh	42, 27.468, 188.602
Yxy	12.2159, 0.2314, 0.3447
Android (android.graphics.Color)	4278873704 (0xFF0A6E68)
YUV	79.4160, 12.1199, -60.8778
Hunter-Lab	34.9512, -19.2873, -1.0177

# Details

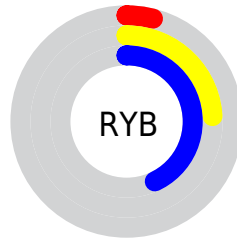
The Android color `4278873704` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4285401616`, and the grayscale version is `4283387727`.

A 20% lighter version of the original color is `4283343515`, and `4278206009` is the 20% darker color. If you saturate the color by 10%, you get `4278218343`, and if you desaturate by 10%, it is `4279594601`.

# Distribution



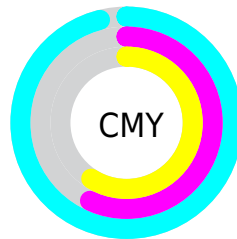
- Red (4%)
- Green (43%)
- Blue (41%)



- Red (4%)
- Yellow (24%)
- Blue (43%)



- Cyan (91%)
- Magenta (0%)
- Yellow (5%)
- Black (57%)



- Cyan (96%)
- Magenta (57%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278873704 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 4278873704 by changing the saturation by 10% instead.





4278873704



4278873704

4294967295



4278211920



4283343515



4278206009



4285185462



4278200100



4287027665



4278192911



4288870126



4278190080



4290707455



4292607999



4294574079



4278873704



4278873704

■ 4278218343

■ 4279594601

■ 4280315497

■ 4281036394

■ 4281757291

■ 4282478187

■ 4283199084

■ 4283919981

■ 4284640877

■ 4285361774

# Harmonies

## Analogous

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



4281691473



4278873704



4278218109

# Triad

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



4278873704



4285356677



4286470968

# Complementary

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



4278873704



4285401616

# 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.



4287321159



4278873704



4286796659

# Square

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



4278873704



4283130510



4287451228



4285162293

# Rectangle

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



4278873704



4278610568



4287451228



4286797884



# Sweetspot

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



4278873704



4285042572



4279332362



4281419590



4291282887



4282861383



# Same Dimension

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



4278873704



4278226822



4278862702



4281481272



4278220913



4278253545



# Inverse Universe

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



4285401616



4287561737



4285412618



4281872947



4286054407



4294377487



# Previews

## White Background



This preview shows how the Android color 4278873704 looks on a white background.

## Color Contrast Check

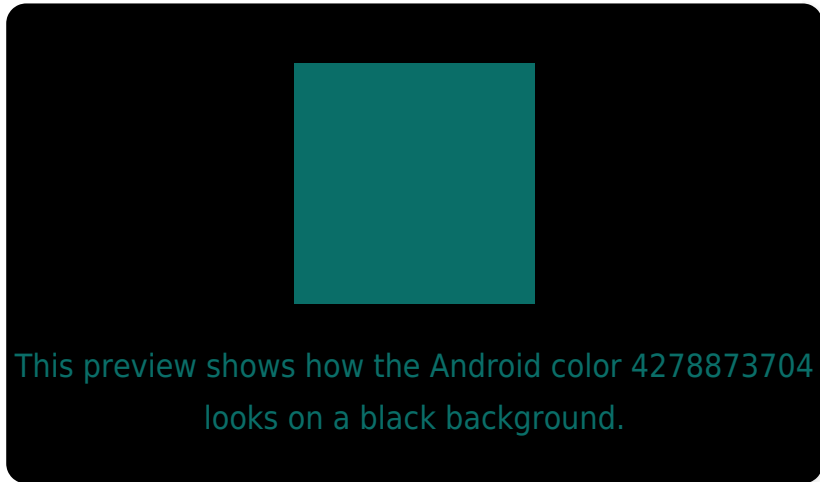
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278873704 Background



This preview shows how black text looks on a background with the Android color 4278873704.



This preview shows how white text looks on a background with the Android color 4278873704.

# 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**  
4278873704

**Protanopia**  
4284768609

**Deuteranopia**  
4284964715



# Trichromacy



**Original Color**  
4278873704

**Protanomaly**  
4282607204

**Deuteranomaly**  
4282737770

**Tritanomaly**  
4279528816

# Monochromacy



**Original Color**  
4278873704

**Achromatopsia**  
4283387727

**Achromatomaly**  
4281752152

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278873704 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, 110, 104)` looks like.

```
.text, #text, p{  
    color:rgb(10, 110, 104)  
}
```

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, 110, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 110, 104) }
```

## Border

The CSS property to change the border of an element to Android 4278873704 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, 110, 104) }
```

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

```
.border{ border-color:rgb(10, 110, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 110, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 110, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 110, 104);  
box-shadow:4px 4px 4px 4px rgb(10, 110,  
104) }
```

# Background

The CSS property to change the background color of an element to Android 4278873704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 110, 104) }
```

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

```
.background{ background-color: rgb(10, 110,  
104) }
```

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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