

# Converting Colors

Android(4278220651)

Have a look what the booklet for  
Android(4278220651) contains.

<b>Android(4278220651)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4278220651)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00776B
RGB	0, 119, 107
RGB Percent	0%, 47%, 42%
CMY	1.0000, 0.5333, 0.5804
CMYK	1.00, 0.00, 0.10, 0.53
HSL	174°, 100%, 23%
HSV	174°, 100%, 47%
XYZ	9.2507, 14.2552, 16.1739
YIQ	82.0510, -67.0720, -28.9600

# Conversions

## Conversions Part 2

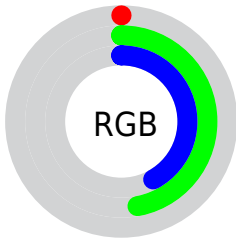
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 63, 119
Decimal	30571
CIELab	44.60, -31.20, -1.44
CIELCh	45, 31.233, 182.649
Yxy	14.2552, 0.2331, 0.3593
Android (android.graphics.Color)	4278220651 (0xFF00776B)
YUV	82.0510, 12.2999, -71.9587
Hunter-Lab	37.7560, -22.3385, 1.0307

# Details

The Android color `4278220651` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4285988876`, and the grayscale version is `4283585106`.

A 20% lighter version of the original color is `4283346078`, and `4278208060` is the 20% darker color. If you saturate the color by 10%, you get `4278220651`, and if you desaturate by 10%, it is `4279007084`.

# Distribution



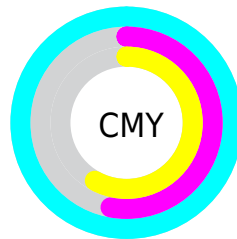
- Red (0%)
- Green (47%)
- Blue (42%)



- Red (0%)
- Yellow (25%)
- Blue (47%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (53%)



- Cyan (100%)
- Magenta (53%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278220651 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 4278220651 by changing the saturation by 10% instead.



 4278220651

 4278220651

4294967295

 4278214227

 4283346078

 4278208060

 4285188025

 4278201894

 4287030485

 4278196498

 4288937969

 4278190080

 4290838527

 4292739071

 4294639615

 4278220651

■ 4279007084

■ 4279793517

■ 4280579951

■ 4281366384

■ 4282087281

■ 4282873714

■ 4283660147

■ 4284446581

■ 4285233014

# Harmonies

## Analogous

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



4282152273



4278220651



4278220421

# Triad

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



4278220651



4285489813



4287455292

# Complementary

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



4278220651



4285988876

# 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.



4288239439



4278220651



4287388034

# Square

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



4278220651



4282674077



4288304232



4286015796

# Rectangle

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



4278220651



4278219922



4288304232



4287782209



# Sweetspot

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



4278220651



4285373591



4279138048



4281552716



4291809231



4283387727



# Same Dimension

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



4278220651



4278230156



4278208887



4281678650



4278221422



4278254305



# Inverse Universe

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



4285988876



4288413712



4286000640



4282070325



4286185484



4294574105



# Previews

## White Background



This preview shows how the Android color 4278220651 looks on a white background.

## Color Contrast Check

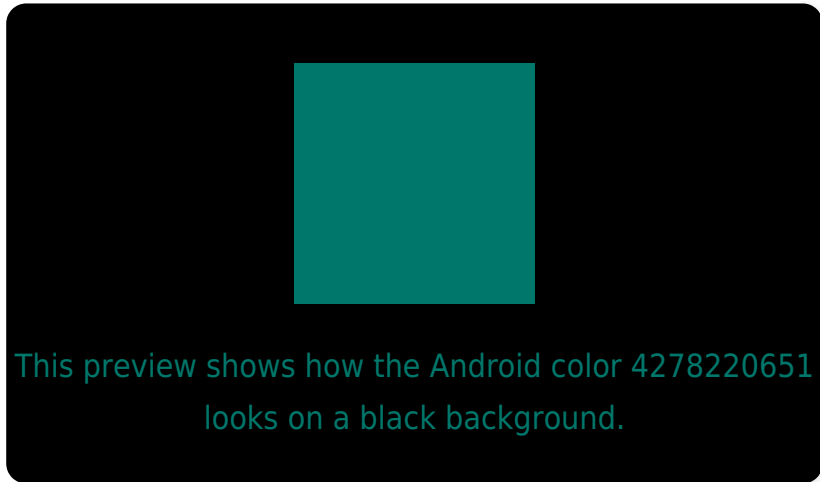
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278220651 Background



This preview shows how black text looks on a background with the Android color 4278220651.

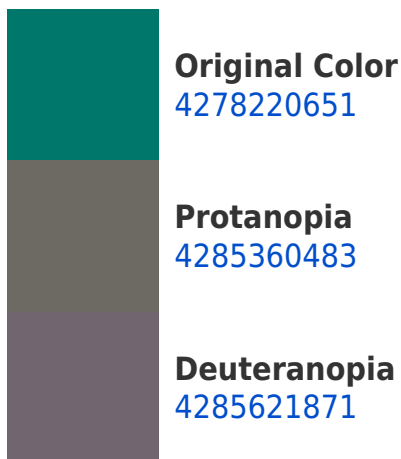


This preview shows how white text looks on a background with the Android color 4278220651.

# 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





# Trichromacy



**Original Color**  
4278220651

**Protanomaly**  
4282740326

**Deuteranomaly**  
4282936430

**Tritanomaly**  
4279465335

# Monochromacy



**Original Color**  
4278220651

**Achromatopsia**  
4283585106

**Achromatomaly**  
4281622363

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278220651 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, 119, 107)` looks like.

```
.text, #text, p{  
    color:rgb(0, 119, 107)  
}
```

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, 119, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 119, 107) }
```

## Border

The CSS property to change the border of an element to Android 4278220651 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, 119, 107) }
```

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

```
.border{ border-color:rgb(0, 119, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 119, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 119, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 119, 107);  
box-shadow:4px 4px 4px 4px rgb(0, 119,  
107) }
```

# Background

The CSS property to change the background color of an element to Android 4278220651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 119, 107) }
```

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

```
.background{ background-color: rgb(0, 119,  
107) }
```

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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