

# Converting Colors

Android(4278218100)

Have a look what the booklet for  
Android(4278218100) contains.

<b>Android(4278218100)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4278218100)**

# Conversions

## Conversions Part 1

Format	Color
Hex	006D74
RGB	0, 109, 116
RGB Percent	0%, 43%, 45%
CMY	1.0000, 0.5725, 0.5451
CMYK	1.00, 0.06, 0.00, 0.55
HSL	184°, 100%, 23%
HSV	184°, 100%, 45%
XYZ	8.6210, 12.1982, 18.4231
YIQ	77.2070, -67.2110, -20.9310

# Conversions

## Conversions Part 2

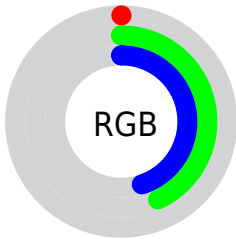
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 56, 116
Decimal	28020
CIELab	41.53, -23.32, -11.43
CIELCh	42, 25.971, 206.113
Yxy	12.1982, 0.2197, 0.3108
Android (android.graphics.Color)	4278218100 (0xFF006D74)
YUV	77.2070, 19.1249, -67.7105
Hunter-Lab	34.9260, -17.0600, -6.8267

# Details

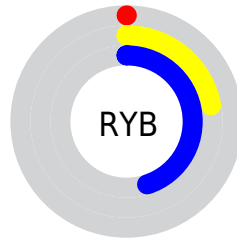
The Android color **4278218100** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4285794048**, and the grayscale version is **4283256141**.

A 20% lighter version of the original color is **4283277736**, and **4278205764** is the 20% darker color. If you saturate the color by 10%, you get **4278218100**, and if you desaturate by 10%, it is **4279004788**.

# Distribution



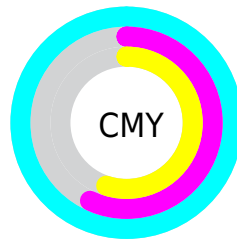
- Red (0%)
- Green (43%)
- Blue (45%)



- Red (0%)
- Yellow (22%)
- Blue (45%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (57%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278218100 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 4278218100 by changing the saturation by 10% instead.



 4278218100

 4278218100

4294967295

 4278211675

 4283277736

 4278205764

 4285119683

 4278200110

 4286961887

 4278193178

 4288869884

 4278190080

 4290707455

 4292607999

 4294574079

 4278218100

■ 4279004788

■ 4279725684

■ 4280512372

■ 4281233524

■ 4282019956

■ 4282806644

■ 4283527796

■ 4284314484

■ 4285035380

# Harmonies

## Analogous

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



4280708446



4278218100



4279462533

# Triad

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



4278218100



4286207610



4285685815

# Complementary

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



4278218100



4285794048

# 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.



4286797887



4278218100



4287189350

# Square

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



4278218100



4284505480



4287320912



4284311099

# Rectangle

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



4278218100



4281362315



4287320912



4286143801



# Sweetspot

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



4278218100



4285109398



4278219782



4281420621



4291611852



4283256141



# Same Dimension

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



4278218100



4278226326



4278203508



4281678395



4278219642



4278250490



# Inverse Universe

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



4285792365



4288020621



4285808640



4282070330



4286185587



4294574315



# Previews

## White Background



This preview shows how the Android color 4278218100 looks on a white background.

## Color Contrast Check

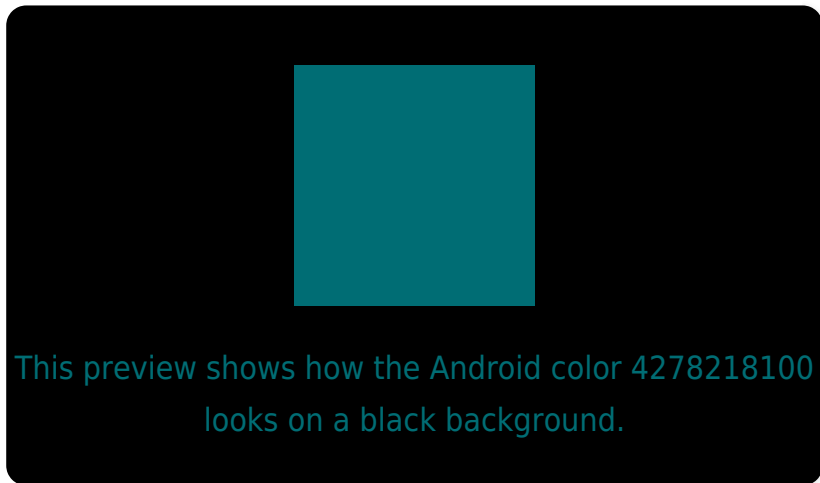
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278218100 Background



This preview shows how black text looks on a background with the Android color 4278218100.



This preview shows how white text looks on a background with the Android color 4278218100.

# 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**  
4278218100

**Protanopia**  
4284506476

**Deuteranopia**  
4284571767



# Trichromacy



**Original Color**  
4278218100

**Protanomaly**  
4282213743

**Deuteranomaly**  
4282279286

**Tritanomaly**  
4278611317

# Monochromacy



**Original Color**  
4278218100

**Achromatopsia**  
4283256141

**Achromatomaly**  
4281424219

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278218100 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, 109, 116)` looks like.

```
.text, #text, p{  
    color:rgb(0, 109, 116)  
}
```

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, 109, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 109, 116) }
```

## Border

The CSS property to change the border of an element to Android 4278218100 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, 109, 116) }
```

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

```
.border{ border-color:rgb(0, 109, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 109, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 109, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 109, 116);  
box-shadow:4px 4px 4px 4px rgb(0, 109,  
116) }
```

# Background

The CSS property to change the background color of an element to Android 4278218100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 109, 116) }
```

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

```
.background{ background-color: rgb(0, 109,  
116) }
```

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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