# Converting Colors

Android(4278218108)

Have a look what the booklet for Android(4278218108) contains.

# Color

Android(4278218108)

# Conversions

Conversions Part 1

| Format | Color |
|---|---|
| Hex | 006D7C |
| RGB | 0, 109, 124 |
| RGB Percent | 0%, 43%, 49% |
| CMY | 1.0000, 0.5725, 0.5137 |
| CMYK | 1.00, 0.12, 0.00, 0.51 |
| HSL | 187°, 100%, 24% |
| HSV | 187°, 100%, 49% |
| XYZ | 9.1067, 12.3925, 20.9808 |
| YIQ | 78.1190, -69.7790, -18.4430 |

# Conversions

Conversions Part 2

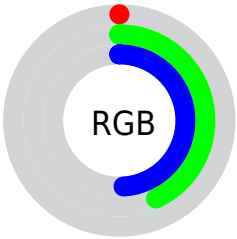
| Format | Color |
|---|---|
| RYB | 0, 58, 124 |
| Decimal | 28028 |
| CIELab | 41.83, -20.49, -15.81 |
| CIELCh | 42, 25.876, 217.650 |
| Yxy | 12.3925, 0.2144, 0.2917 |
| Android (android.graphics.Color) | 4278218108 (0xFF006D7C) |
| YUV | 78.1190, 22.6193, -68.5104 |
| Hunter-Lab | 35.2030, -15.4288, -10.6944 |

# Details

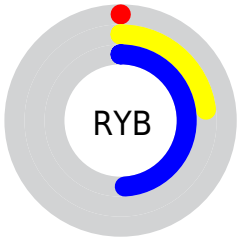
The Android color 4278218108 is a dark color, and the websafe version is hex 006666. A complement of this color would be 4286320384, and the grayscale version is 4283321934.

A 20% lighter version of the original color is 4283343281, and 4278205771 is the 20% darker color. If you saturate the color by 10%, you get 4278218108, and if you desaturate by 10%, it is 4279004796.

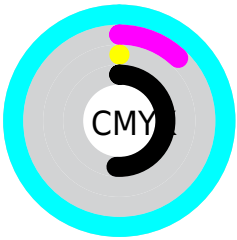
# Distribution



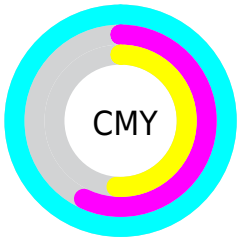

- Red (0%)
- Green (43%)
- Blue (49%)




- Red (0%)
- Yellow (23%)
- Blue (49%)




- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (51%)




- Cyan (100%)
- Magenta (57%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278218108 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 4278218108 by changing the saturation by 10% instead.

4278218108

4294967295

4283343281

4285250764

4287092968

4289000703

4290838527

4292804607

4294705151

4278218108

4278211683

4278205771

4278200116

4278193696

4278190084

4278190080

4278218108

4279004796

4279857276

4280644220

4281496444

4282283388

4283070076

4283922300

4284709244

4285561724

# Harmonies

## Analogous

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

4279922280

4278218108

4280707466

# Triad

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

4278218108

4286731379

4285227832

# Complementary

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

4278218108

4286320384

# 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.

4286471228

4278218108

4287386206

# Square

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

4278218108

4285291396

4287255882

4283722048

# Rectangle

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

4278218108

4282410381

4287255882

4285686072

# Sweetspot

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

4278218108

4285569953

4278221838

4281618002



4291940817

4283585106

# Same Dimension

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

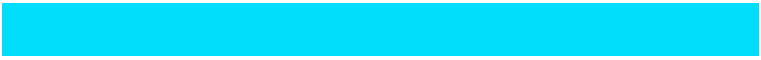
4278218108

4278226337

4278202492

4281809981

4278218365



4278247164

# Inverse Universe

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

4286316653

4288741517

4286336000

4282201916

4286382190

4294705374

# Previews

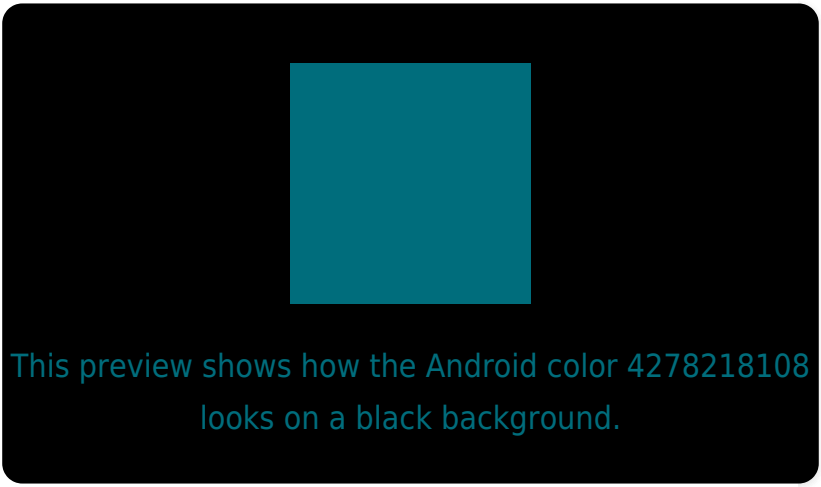
## White Background

This preview shows how the Android color 4278218108 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

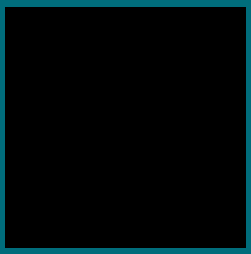



### Color Contrast Check

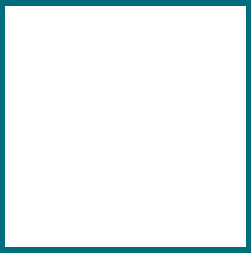
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

# Android 4278218108 Background



This preview shows how black text looks on a background with the Android color 4278218108.



This preview shows how white text looks on a background with the Android color 4278218108.

# 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**
4278218108

**Protanopia**
4284441204

**Deuteranopia**
4284309887

**Tritanopia**
4278218358

# Trichromacy

**Original Color**
4278218108

**Protanomaly**
4282148471

**Deuteranomaly**
4282082686

**Tritanomaly**
4278218360

# Monochromacy

**Original Color**
4278218108

**Achromatopsia**
4283321934

**Achromatomaly**
4281489759

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278218108 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, 124) looks like.

```
.text, #text, p{
    color:rgb(0, 109, 124)
}
```

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, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 109, 124) }
```

# Border

The CSS property to change the border of an element to Android 4278218108 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, 124) }
```

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

```
.border{ border-color:rgb(0, 109, 124) }
```

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, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 109, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 109, 124); box-shadow:4px 4px 4px 4px rgb(0, 109, 124) }
```

# Background

The CSS property to change the background color of an element to Android 4278218108 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, 124) }
```

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

```
.background{ background-color:rgb(0, 109,
124) }
```

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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