

# Converting Colors

Android(4278220144)

Have a look what the booklet for  
Android(4278220144) contains.

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# Color

**Android(4278220144)**

# Conversions

## Conversions Part 1

Format	Color
Hex	007570
RGB	0, 117, 112
RGB Percent	0%, 46%, 44%
CMY	1.0000, 0.5412, 0.5608
CMYK	1.00, 0.00, 0.04, 0.54
HSL	177°, 100%, 23%
HSV	177°, 100%, 46%
XYZ	9.2859, 13.8924, 17.5213
YIQ	81.4470, -68.1270, -26.3590

# Conversions

## Conversions Part 2

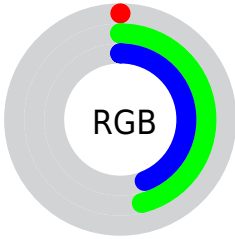
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 60, 117
Decimal	30064
CIELab	44.08, -28.67, -5.20
CIELCh	44, 29.141, 190.281
Yxy	13.8924, 0.2282, 0.3413
Android (android.graphics.Color)	4278220144 (0xFF007570)
YUV	81.4470, 15.0626, -71.4290
Hunter-Lab	37.2726, -20.7563, -1.7806

# Details

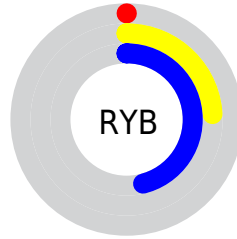
The Android color `4278220144` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4285857797`, and the grayscale version is `4283519313`.

A 20% lighter version of the original color is `4283345572`, and `4278207552` is the 20% darker color. If you saturate the color by 10%, you get `4278220144`, and if you desaturate by 10%, it is `4279006577`.

# Distribution



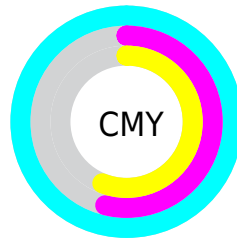
- Red (0%)
- Green (46%)
- Blue (44%)



- Red (0%)
- Yellow (24%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278220144 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 4278220144 by changing the saturation by 10% instead.



 4278220144

 4278220144

4294967295

 4278213720

 4283345572

 4278207552

 4285187519

 4278201642

 4287095258

 4278195990

 4288937719

 4278190080

 4290838527

 4292739071

 4294705151

 4278220144

■ 4279006577

■ 4279727473

■ 4280513906

■ 4281300338

■ 4282086771

■ 4282807667

■ 4283594100

■ 4284380532

■ 4285101429

# Harmonies

## Analogous

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



4281758807



4278220144



4278219911

# Triad

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



4278220144



4285947789



4286931259

# Complementary

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



4278220144



4285857797

# 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.



4287846730



4278220144



4287453049

# Square

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



4278220144



4283590808



4288107873



4285557048

# Rectangle

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



4278220144



4278481298



4288107873



4287323711



# Sweetspot

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



4278220144



4285241751



4278613248



4281421131



4291611852



4283256141



# Same Dimension

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



4278220144



4278229394



4278206581



4281678650



4278221429



4278254319



# Inverse Universe

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



4285857797



4288217095



4285871360



4282070325



4286185477



4294574091



# Previews

## White Background



This preview shows how the Android color 4278220144 looks on a white background.

## Color Contrast Check

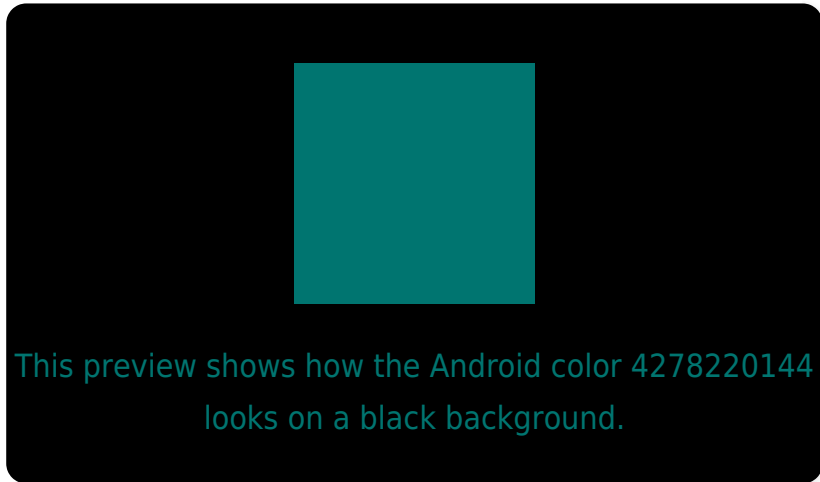
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278220144 Background



This preview shows how black text looks on a background with the Android color 4278220144.



This preview shows how white text looks on a background with the Android color 4278220144.

# 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**

4278220144

**Protanopia**

4285163368

**Deuteranopia**

4285359475



# Trichromacy



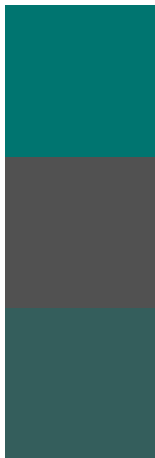
**Original Color**  
4278220144

**Protanomaly**  
4282608747

**Deuteranomaly**  
4282739570

**Tritanomaly**  
4279268472

# Monochromacy



**Original Color**  
4278220144

**Achromatopsia**  
4283519313

**Achromatomaly**  
4281622108

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278220144 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, 117, 112)` looks like.

```
.text, #text, p{  
    color:rgb(0, 117, 112)  
}
```

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, 117, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 117, 112) }
```

## Border

The CSS property to change the border of an element to Android 4278220144 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, 117, 112) }
```

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

```
.border{ border-color:rgb(0, 117, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 117, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 117, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 117, 112);  
box-shadow:4px 4px 4px 4px rgb(0, 117,  
112) }
```

# Background

The CSS property to change the background color of an element to Android 4278220144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 117, 112) }
```

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

```
.background{ background-color: rgb(0, 117,  
112) }
```

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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