

Converting Colors

Android(4278217328)

Have a look what the booklet for
Android(4278217328) contains.

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Color

Android(4278217328)

Conversions

Conversions Part 1

Format	Color
Hex	006A70
RGB	0, 106, 112
RGB Percent	0%, 42%, 44%
CMY	1.0000, 0.5843, 0.5608
CMYK	1.00, 0.05, 0.00, 0.56
HSL	183°, 100%, 22%
HSV	183°, 100%, 44%
XYZ	8.0787, 11.4779, 17.1189
YIQ	74.9900, -65.1020, -20.6060

Conversions

Conversions Part 2

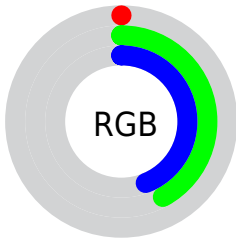
Format	Color
RYB	0, 54, 112
Decimal	27248
CIELab	40.37, -23.15, -10.75
CIELCh	40, 25.526, 204.902
Yxy	11.4779, 0.2203, 0.3130
Android (android.graphics.Color)	4278217328 (0xFF006A70)
YUV	74.9900, 18.2459, -65.7662
Hunter-Lab	33.8791, -16.7240, -6.2435

Details

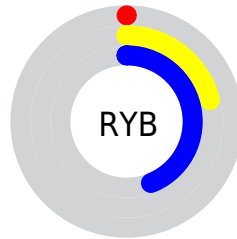
The Android color **4278217328** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4285531648**, and the grayscale version is **4283124555**.

A 20% lighter version of the original color is **4283211428**, and **4278204992** is the 20% darker color. If you saturate the color by 10%, you get **4278217328**, and if you desaturate by 10%, it is **4278938480**.

Distribution



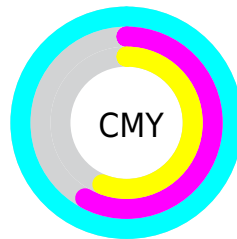
- Red (0%)
- Green (42%)
- Blue (44%)



- Red (0%)
- Yellow (21%)
- Blue (44%)



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (58%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278217328 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 4278217328 by changing the saturation by 10% instead.

 4278217328

 4278217328

4294967295

 4278211160

 4283211428

 4278204992

 4285053375

 4278199338

 4286895579

 4278191127

 4288737783

 4278190080

 4290576383

 4292476927

 4294443007

 4278217328

■ 4278938480

■ 4279659376

■ 4280446064

■ 4281166960

■ 4281888112

■ 4282609264

■ 4283330160

■ 4284116848

■ 4284837744

Harmonies

Analogous

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



4280707675



4278217328



4279265153

Triad

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



4278217328



4285944951



4285553973

Complementary

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



4278217328



4285531648

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.



4286600510



4278217328



4286926692

Square

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



4278217328



4284242821



4287123535



4284179257

Rectangle

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



4278217328



4281164935



4287123535



4285946423

Sweetspot

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



4278217328



4284911505



4278218758



4281289034



4291414473



4283058762

Same Dimension

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



4278217328



4278225553



4278202992



4281481272



4278219128



4278250231

Inverse Universe

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



4285530218



4287692938



4285545984



4281872952



4286054513



4294377706

Previews

White Background



This preview shows how the Android color 4278217328 looks on a white background.

Color Contrast Check

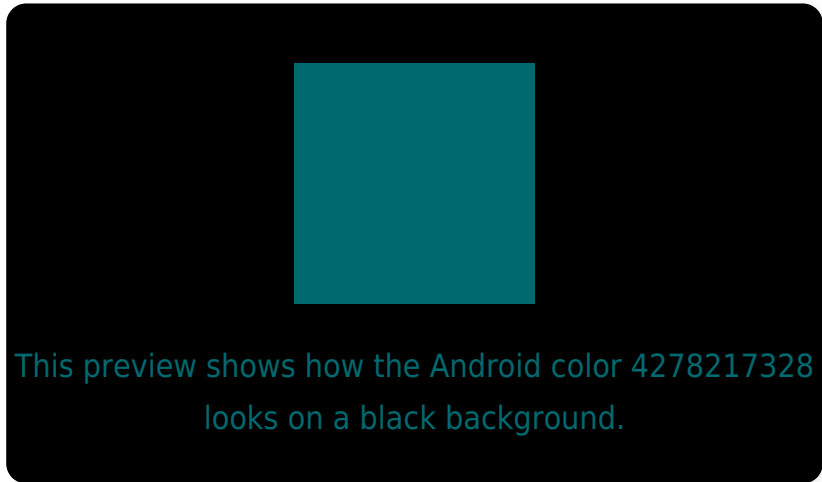
Large Text (above 18pt) WCAG AA ✓ Pass

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

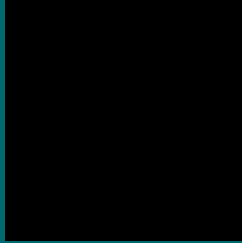
Any Text WCAG AA × Fail

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 4278217328 Background



This preview shows how black text looks on a background with the Android color 4278217328.

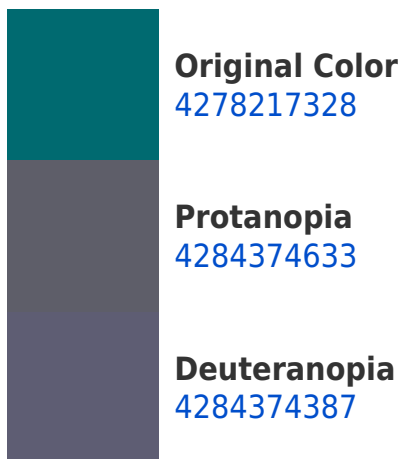


This preview shows how white text looks on a background with the Android color 4278217328.

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

4278217328



Protanomaly

4282147436



Deuteranomaly

4282147442



Tritanomaly

4278676081

Monochromacy



Original Color

4278217328



Achromatopsia

4283124555



Achromatomaly

4281357912

CSS Examples

Text

The CSS property to change the color of the text to Android 4278217328 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, 106, 112)` looks like.

```
.text, #text, p{  
    color:rgb(0, 106, 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, 106, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 106, 112) }
```

Border

The CSS property to change the border of an element to Android 4278217328 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, 106, 112) }
```

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

```
.border{ border-color:rgb(0, 106, 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, 106, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 106, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 106, 112);  
box-shadow:4px 4px 4px 4px rgb(0, 106,  
112) }
```

Background

The CSS property to change the background color of an element to Android 4278217328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 106, 112) }
```

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

```
.background{ background-color: rgb(0, 106,  
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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