

Converting Colors

Android(4278217332)

Have a look what the booklet for
Android(4278217332) contains.

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Color

Android(4278217332)

Conversions

Conversions Part 1

Format	Color
Hex	006A74
RGB	0, 106, 116
RGB Percent	0%, 42%, 45%
CMY	1.0000, 0.5843, 0.5451
CMYK	1.00, 0.09, 0.00, 0.55
HSL	185°, 100%, 23%
HSV	185°, 100%, 45%
XYZ	8.3064, 11.5690, 18.3182
YIQ	75.4460, -66.3860, -19.3620

Conversions

Conversions Part 2

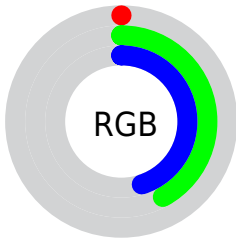
Format	Color
RYB	0, 55, 116
Decimal	27252
CIELab	40.52, -21.75, -12.96
CIElCh	41, 25.314, 210.784
Yxy	11.5690, 0.2175, 0.3029
Android (android.graphics.Color)	4278217332 (0xFF006A74)
YUV	75.4460, 19.9931, -66.1661
Hunter-Lab	34.0133, -15.9315, -8.1220

Details

The Android color `4278217332` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4285794816`, and the grayscale version is `4283124555`.

A 20% lighter version of the original color is `4283211432`, and `4278204996` is the 20% darker color. If you saturate the color by 10%, you get `4278217332`, and if you desaturate by 10%, it is `4279004020`.

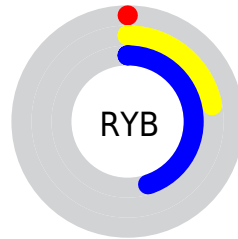
Distribution



Red (0%)

Green (42%)

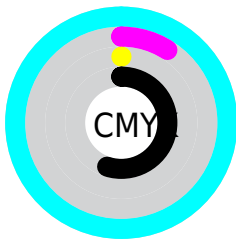
Blue (45%)



Red (0%)

Yellow (22%)

Blue (45%)

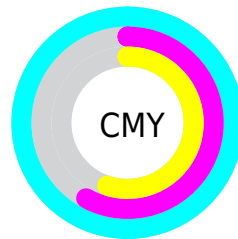


Cyan (100%)

Magenta (9%)

Yellow (0%)

Black (55%)



Cyan (100%)

Magenta (58%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278217332 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 4278217332 by changing the saturation by 10% instead.

 4278217332

 4278217332

4294967295

 4278211163

 4283211432

 4278204996

 4285118915

 4278199342

 4286960863

 4278191386

 4288803324

 4278190080

 4290641919

 4292607999

 4294508543

 4278217332

■ 4279004020

■ 4279725172

■ 4280511860

■ 4281233012

■ 4282019700

■ 4282806388

■ 4283527540

■ 4284314228

■ 4285035380

Harmonies

Analogous

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



4280380255



4278217332



4279986051

Triad

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



4278217332



4286206836



4285357622

Complementary

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



4278217332



4285794816

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.



4286404412



4278217332



4286992224

Square

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



4278217332



4284701315



4287058251



4283917627

Rectangle

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



4278217332



4281754504



4287058251



4285750327

Sweetspot

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



4278217332



4285109142



4278219786



4281420365



4291611852



4283256141

Same Dimension

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



4278217332



4278225302



4278202484



4281678395



4278218874



4278248698

Inverse Universe

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



4285792362



4288020617



4285809664



4282070330



4286185584



4294574308

Previews

White Background



This preview shows how the Android color 4278217332 looks on a white background.

Color Contrast Check

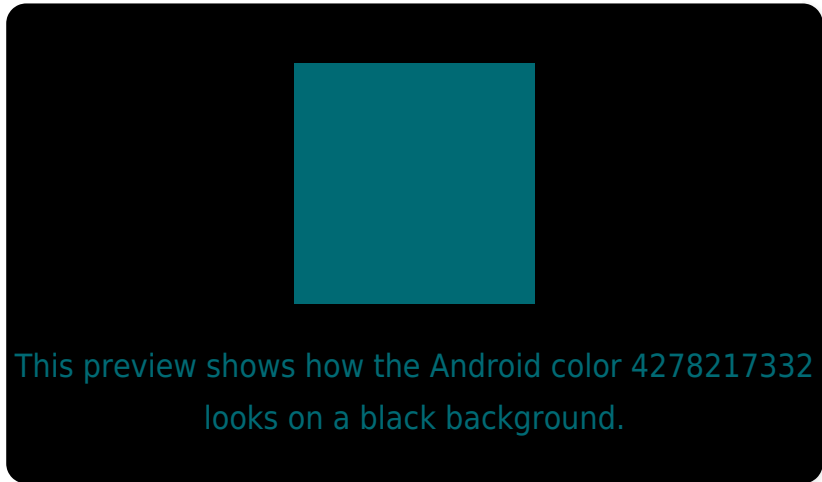
Large Text (above 18pt) WCAG AA ✓ Pass

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

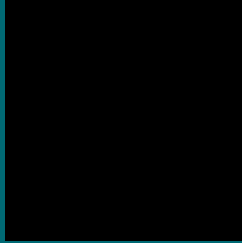
Any Text WCAG AA × Fail

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 4278217332 Background



This preview shows how black text looks on a background with the Android color 4278217332.

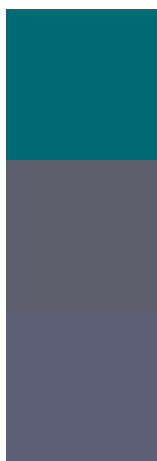


This preview shows how white text looks on a background with the Android color 4278217332.

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

4278217332

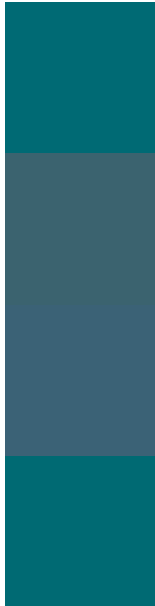
Protanopia

4284309356

Deuteranopia

4284309111

Trichromacy



Original Color
4278217332

Protanomaly
4282082159

Deuteranomaly
4282081910

Tritanomaly
4278217331

Monochromacy



Original Color
4278217332

Achromatopsia
4283124555

Achromatomaly
4281357914

CSS Examples

Text

The CSS property to change the color of the text to Android 4278217332 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, 116)` looks like.

```
.text, #text, p{  
    color:rgb(0, 106, 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, 106, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 106, 116) }
```

Border

The CSS property to change the border of an element to Android 4278217332 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, 116) }
```

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

```
.border{ border-color:rgb(0, 106, 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, 106, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 106, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 106, 116);  
box-shadow:4px 4px 4px 4px rgb(0, 106,  
116) }
```

Background

The CSS property to change the background color of an element to Android 4278217332 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, 116) }
```

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

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