

Converting Colors

Android(4278217336)

Have a look what the booklet for
Android(4278217336) contains.

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Color

Android(4278217336)

Conversions

Conversions Part 1

Format	Color
Hex	006A78
RGB	0, 106, 120
RGB Percent	0%, 42%, 47%
CMY	1.0000, 0.5843, 0.5294
CMYK	1.00, 0.12, 0.00, 0.53
HSL	187°, 100%, 24%
HSV	187°, 100%, 47%
XYZ	8.5442, 11.6641, 19.5704
YIQ	75.9020, -67.6700, -18.1180

Conversions

Conversions Part 2

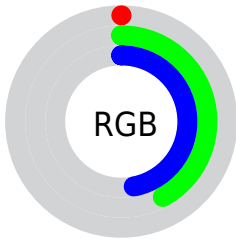
Format	Color
RYB	0, 56, 120
Decimal	27256
CIELab	40.68, -20.32, -15.15
CIELCh	41, 25.343, 216.713
Yxy	11.6641, 0.2148, 0.2932
Android (android.graphics.Color)	4278217336 (0xFF006A78)
YUV	75.9020, 21.7403, -66.5661
Hunter-Lab	34.1528, -15.1110, -10.0676

Details

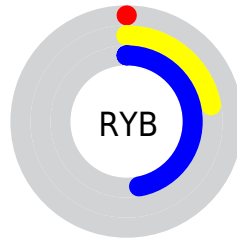
The Android color `4278217336` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4286057984`, and the grayscale version is `4283190348`.

A 20% lighter version of the original color is `4283276972`, and `4278205000` is the 20% darker color. If you saturate the color by 10%, you get `4278217336`, and if you desaturate by 10%, it is `4279004024`.

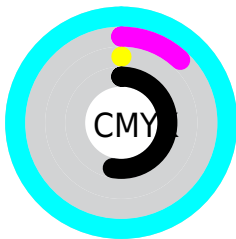
Distribution



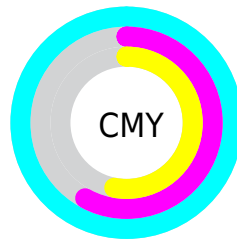
- Red (0%)
- Green (42%)
- Blue (47%)



- Red (0%)
- Yellow (22%)
- Blue (47%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278217336 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 4278217336 by changing the saturation by 10% instead.

 4278217336

 4278217336

4294967295

 4278211167

 4283276972

 4278205000

 4285118920

 4278199345

 4287026404

 4278191645

 4288868863

 4278190080

 4290772991

 4292673535

 4294574079

 4278217336

■ 4279004024

■ 4279790968

■ 4280577656

■ 4281364600

■ 4282151288

■ 4282937976

■ 4283724920

■ 4284511608

■ 4285298552

Harmonies

Analogous

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



4279987044



4278217336



4280575622

Triad

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



4278217336



4286468721



4285095990

Complementary

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



4278217336



4286057984

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.



4286273850



4278217336



4287123548

Square

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



4278217336



4285028737



4286993224



4283655742

Rectangle

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



4278217336



4282213257



4286993224



4285554230

Sweetspot

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



4278217336



4285372060



4278220814



4281551951



4291809231



4283387727

Same Dimension

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



4278217336



4278225308



4278201976



4281809981



4278218365



4278247420

Inverse Universe

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



4286054506



4288413833



4286073344



4282201916



4286382190



4294705375

Previews

White Background



This preview shows how the Android color 4278217336 looks on a white background.

Color Contrast Check

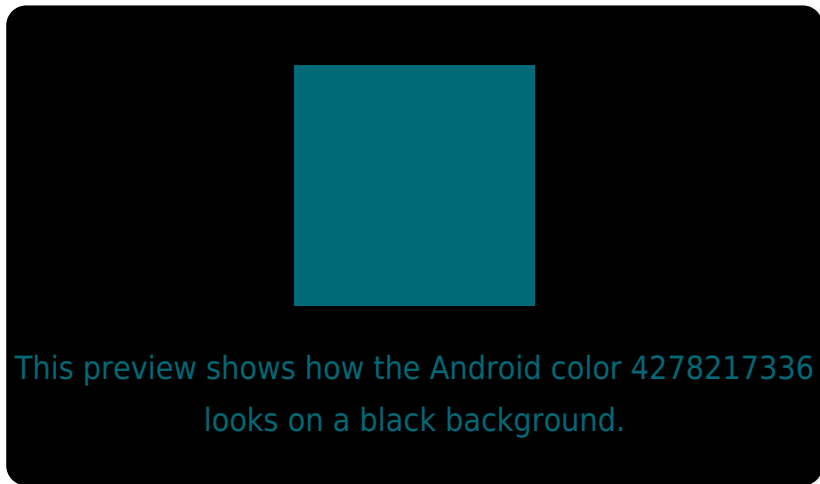
Large Text (above 18pt) WCAG AA ✓ Pass

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

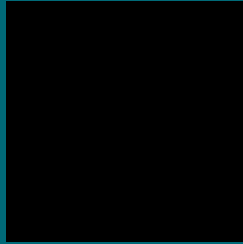
Any Text WCAG AA × Fail

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 4278217336 Background



This preview shows how black text looks on a background with the Android color 4278217336.

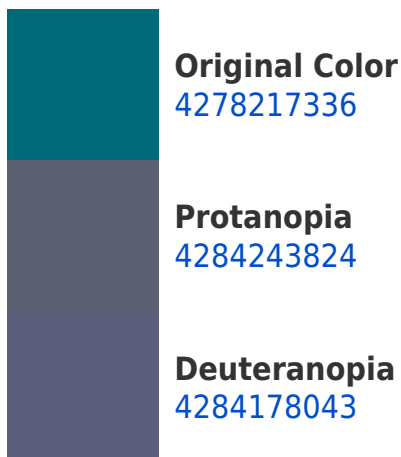


This preview shows how white text looks on a background with the Android color 4278217336.

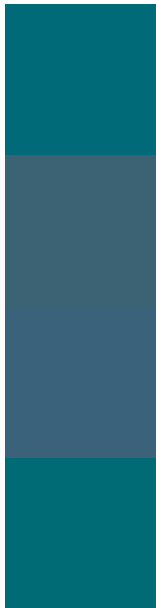
Color Blindness Simulation

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
4278217336

Protanomaly
4282082163

Deuteranomaly
4282016378

Tritanomaly
4278217589

Monochromacy



Original Color
4278217336

Achromatopsia
4283190348

Achromatomaly
4281358172

CSS Examples

Text

The CSS property to change the color of the text to Android 4278217336 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, 120)` looks like.

```
.text, #text, p{  
    color:rgb(0, 106, 120)  
}
```

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, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 106, 120) }
```

Border

The CSS property to change the border of an element to Android 4278217336 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, 120) }
```

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

```
.border{ border-color:rgb(0, 106, 120) }
```

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, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 106, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 106, 120);  
box-shadow:4px 4px 4px 4px rgb(0, 106,  
120) }
```

Background

The CSS property to change the background color of an element to Android 4278217336 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, 120) }
```

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

```
.background{ background-color: rgb(0, 106,  
120) }
```

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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