

Converting Colors

Android(4278229384)

Have a look what the booklet for
Android(4278229384) contains.

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Color

Android(4278229384)

Conversions

Conversions Part 1

Format	Color
Hex	009988
RGB	0, 153, 136
RGB Percent	0%, 60%, 53%
CMY	1.0000, 0.4000, 0.4667
CMYK	1.00, 0.00, 0.11, 0.40
HSL	173°, 100%, 30%
HSV	173°, 100%, 60%
XYZ	15.8352, 24.5600, 27.1985
YIQ	105.3150, -85.7310, -37.7230

Conversions

Conversions Part 2

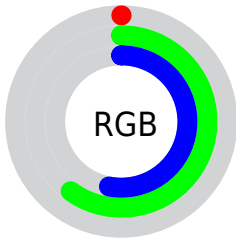
Format	Color
RYB	0, 81, 153
Decimal	39304
CIELab	56.64, -38.00, -0.71
CIELCh	57, 38.002, 181.069
Yxy	24.5600, 0.2343, 0.3633
Android (android.graphics.Color)	4278229384 (0xFF009988)
YUV	105.3150, 15.1277, -92.3613
Hunter-Lab	49.5581, -29.6910, 2.1511

Details

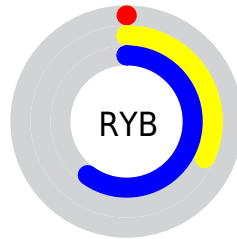
The Android color `4278229384` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4288217105`, and the grayscale version is `4285098345`.

A 20% lighter version of the original color is `4284076221`, and `4278216022` is the 20% darker color. If you saturate the color by 10%, you get `4278229384`, and if you desaturate by 10%, it is `4279212426`.

Distribution



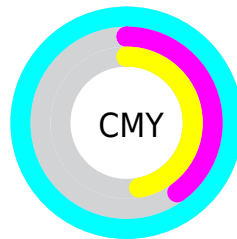
- Red (0%)
- Green (60%)
- Blue (53%)



- Red (0%)
- Yellow (32%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278229384 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 4278229384 by changing the saturation by 10% instead.

 4278229384

 4278229384

4294967295

 4278222703

 4284076221

 4278216022

 4286049753


 4278209599

 4288020469

 4278203433

 4289921023

 4278198293

 4291887103


 4278190080

 4293853183

 4278229384

 4279212426

 4280261003

 4281244045

 4282227087

 4283275665

 4284258706

 4285241748

 4286224790

 4287273367

Harmonies

Analogous

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



4283471463



4278229384



4278229161

Triad

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



4278229384



4287397825



4290149199

Complementary

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



4278229384



4288217105

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.



4291129447



4278229384



4289885096

Square

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



4278229384



4283730890



4291128712



4288382532

Rectangle

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



4278229384



4278228666



4291128712



4290606934

Sweetspot

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



4278229384



4287350720



4279408896



4282409823



4293125091



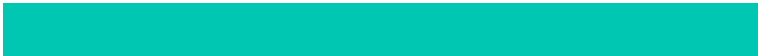
4284703587

Same Dimension

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



4278229384



4278241201



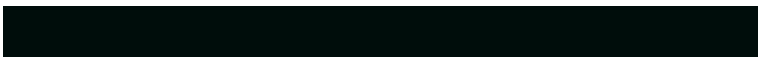
4278214297



4282731852



4278226045



4278193419

Inverse Universe

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



4288217105



4291231766



4288232192



4283254086



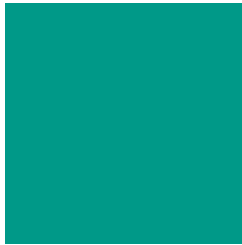
4287365136



4279042049

Previews

White Background



This preview shows how the Android color 4278229384 looks on a white background.

Color Contrast Check

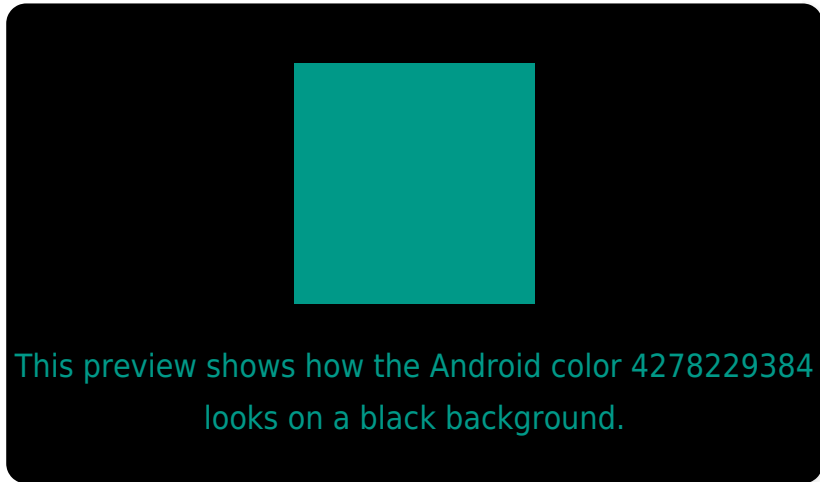
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4278229384 Background



This preview shows how black text looks on a background with the Android color 4278229384.



This preview shows how white text looks on a background with the Android color 4278229384.

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



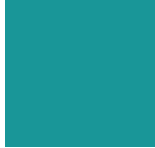
Original Color
4278229384



Protanomaly
4284059266



Deuteranomaly
4284320651



Tritanomaly
4279867032

Monochromacy



Original Color
4278229384



Achromatopsia
4285098345



Achromatomaly
4282612340

CSS Examples

Text

The CSS property to change the color of the text to Android 4278229384 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, 153, 136)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 136)  
}
```

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, 153, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 136) }
```

Border

The CSS property to change the border of an element to Android 4278229384 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, 153, 136) }
```

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

```
.border{ border-color:rgb(0, 153, 136) }
```

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

Here you see how a box with a 4 pixel rgb(0, 153, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 136);  
box-shadow:4px 4px 4px 4px rgb(0, 153,  
136) }
```

Background

The CSS property to change the background color of an element to Android 4278229384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 153, 136) }
```

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

```
.background{ background-color: rgb(0, 153,  
136) }
```

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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