

Converting Colors

Android(4278238879)

Have a look what the booklet for
Android(4278238879) contains.

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Color

Android(4278238879)

Conversions

Conversions Part 1

Format	Color
Hex	00BE9F
RGB	0, 190, 159
RGB Percent	0%, 75%, 62%
CMY	1.0000, 0.2549, 0.3765
CMYK	1.00, 0.00, 0.16, 0.25
HSL	170°, 100%, 37%
HSV	170°, 100%, 75%
XYZ	24.6715, 39.3301, 39.0920
YIQ	129.6560, -103.2890, -49.9210

Conversions

Conversions Part 2

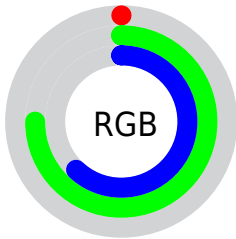
Format	Color
RYB	0, 103, 190
Decimal	48799
CIELab	68.99, -47.39, 4.39
CIELCh	69, 47.588, 174.711
Yxy	39.3301, 0.2393, 0.3815
Android (android.graphics.Color)	4278238879 (0xFF00BE9F)
YUV	129.6560, 14.4666, -113.7083
Hunter-Lab	62.7137, -39.5275, 6.9417

Details

The Android color `4278238879` is a dark color, and the websafe version is hex `33CC99`. A complement of this color would be `4290641951`, and the grayscale version is `4286743170`.

A 20% lighter version of the original color is `4284741590`, and `4278224748` is the 20% darker color. If you saturate the color by 10%, you get `4278238879`, and if you desaturate by 10%, it is `4279484066`.

Distribution



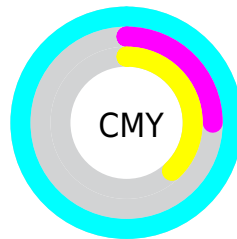
- Red (0%)
- Green (75%)
- Blue (62%)



- Red (0%)
- Yellow (40%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278238879 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 4278238879 by changing the saturation by 10% instead.

 4278238879

 4278238879

4294967295

 4278231685

 4284741590

 4278224748

 4286840818

 4278218067

 4288872447

 4278211644

 4290904063

 4278205223

 4292870143

 4278199826


4294901759

 4278190080

 4278238879

 4279484066

 4280729253

 4281974440

 4283219627

 4284464815

 4285710002

 4286955189

 4288200376

 4289445563

Harmonies

Analogous

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



4285250165



4278238879



4278238923

Triad

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



4278238879



4288717047



4293497955

Complementary

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



4278238879



4290641951

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.



4294543239



4278238879



4292317403

Square

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



4278238879



4283084798



4294215090



4291404625

Rectangle

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



4278238879



4278238180



4294215090



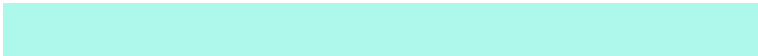
4294020974

Sweetspot

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



4278238879



4289591275



4280335872



4283465078



4294769916



4286414205

Same Dimension

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



4278238879



4278253519



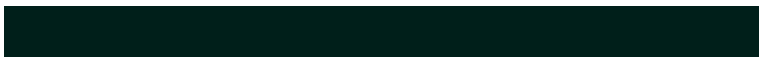
4278222782



4283784797



4278230660



4278198042

Inverse Universe

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



4290641951



4294377512



4290658048



4284372310



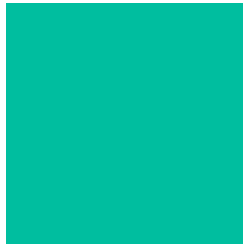
4288544794



4280221701

Previews

White Background



This preview shows how the Android color 4278238879 looks on a white background.

Color Contrast Check

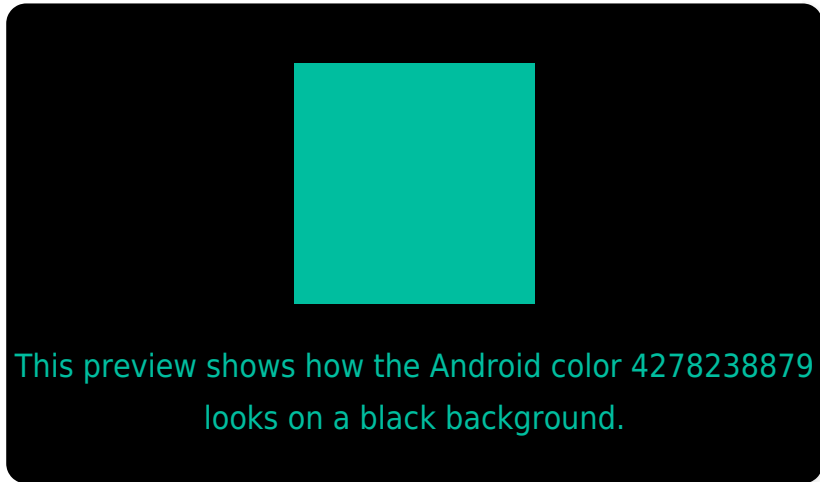
Large Text (above 18pt) WCAG AA × Fail

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

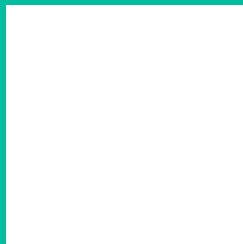
Any Text WCAG AAA ✓ Pass

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

Android 4278238879 Background



This preview shows how black text looks on a background with the Android color 4278238879.

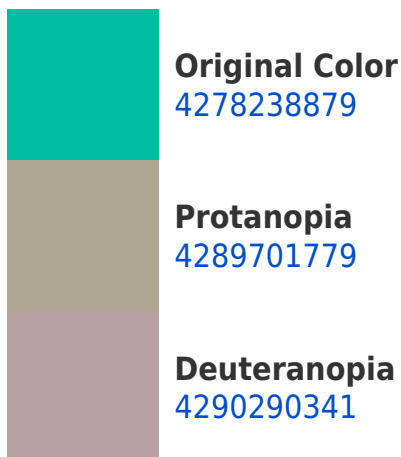


This preview shows how white text looks on a background with the Android color 4278238879.

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

4278238879



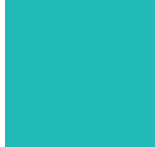
Protanomaly

4285509527



Deuteranomaly

4285901987



Tritanomaly

4280466104

Monochromacy



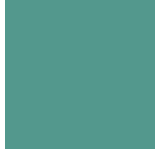
Original Color

4278238879



Achromatopsia

4286743170



Achromatomaly

4283668621

CSS Examples

Text

The CSS property to change the color of the text to Android 4278238879 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, 190, 159)` looks like.

```
.text, #text, p{  
    color:rgb(0, 190, 159)  
}
```

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, 190, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 190, 159) }
```

Border

The CSS property to change the border of an element to Android 4278238879 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, 190, 159) }
```

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

```
.border{ border-color:rgb(0, 190, 159) }
```

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

Here you see how a box with a 4 pixel rgb(0, 190, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 190, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 190, 159);  
box-shadow:4px 4px 4px 4px rgb(0, 190,  
159) }
```

Background

The CSS property to change the background color of an element to Android 4278238879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 190, 159) }
```

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

```
.background{ background-color: rgb(0, 190,  
159) }
```

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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