

Converting Colors

Android(4278233993)

Have a look what the booklet for
Android(4278233993) contains.

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Color

Android(4278233993)

Conversions

Conversions Part 1

Format	Color
Hex	00AB89
RGB	0, 171, 137
RGB Percent	0%, 67%, 54%
CMY	1.0000, 0.3294, 0.4627
CMYK	1.00, 0.00, 0.20, 0.33
HSL	168°, 100%, 34%
HSV	168°, 100%, 67%
XYZ	19.0783, 30.9320, 28.6318
YIQ	115.9950, -91.0020, -46.8260

Conversions

Conversions Part 2

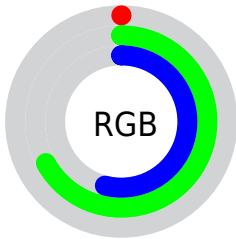
Format	Color
RYB	0, 95, 171
Decimal	43913
CIELab	62.45, -45.39, 7.13
CIELCh	62, 45.949, 171.078
Yxy	30.9320, 0.2426, 0.3933
Android (android.graphics.Color)	4278233993 (0xFF00AB89)
YUV	115.9950, 10.3555, -101.7276
Hunter-Lab	55.6165, -36.0976, 8.4086

Details

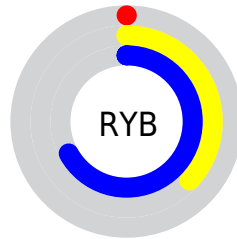
The Android color `4278233993` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4289396770`, and the grayscale version is `4285822068`.

A 20% lighter version of the original color is `4284343230`, and `4278220375` is the 20% darker color. If you saturate the color by 10%, you get `4278233993`, and if you desaturate by 10%, it is `4279348108`.

Distribution



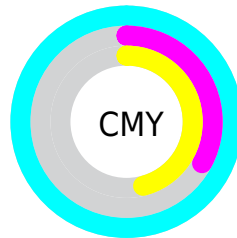
- Red (0%)
- Green (67%)
- Blue (54%)



- Red (0%)
- Yellow (37%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278233993 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 4278233993 by changing the saturation by 10% instead.

 4278233993

 4278233993

4294967295

 4278227056

 4284343230

 4278220375

 4286382042

 4278213696

 4288348151

 4278207274

 4290314239

 4278201621

 4292280319

 4278194176


 4294311935

 4278190080

 4278233993

 4279348108

 4280462224

 4281576339

 4282690455

 4283804570

 4284984221

 4286098337

 4287212452

 4288326568

Harmonies

Analogous

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



4284720738



4278233993



4278234291

Triad

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



4278233993



4287009251



4292248153

Complementary

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



4278233993



4289396770

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.



4293162620



4278233993



4290675147

Square

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



4278233993



4280655847



4292638373



4290416965

Rectangle

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



4278233993



4278233803



4292638373



4292705635

Sweetspot

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



4278233993



4288405201



4280462080



4282937448



4293980400



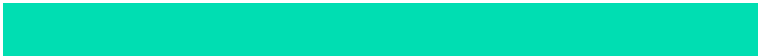
4285558896

Same Dimension

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



4278233993



4278247090



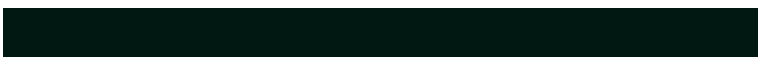
4278220971



4283324245



4278228601



4278195986

Inverse Universe

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



4289396770



4292739116



4289409792



4283911760



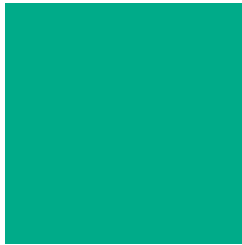
4288020510



4279697413

Previews

White Background



This preview shows how the Android color 4278233993 looks on a white background.

Color Contrast Check

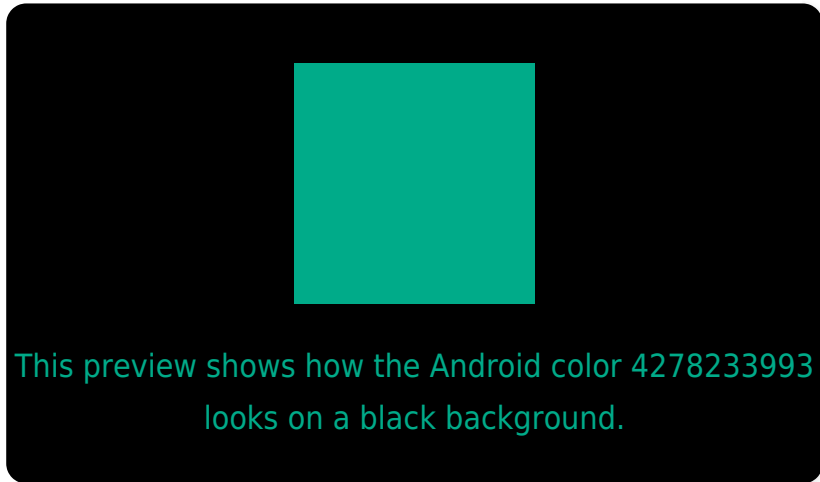
Large Text (above 18pt) WCAG AA × Fail

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

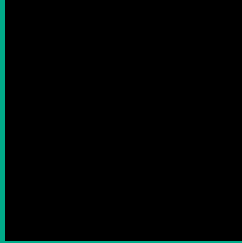
Any Text WCAG AA ✓ Pass

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 4278233993 Background



This preview shows how black text looks on a background with the Android color 4278233993.

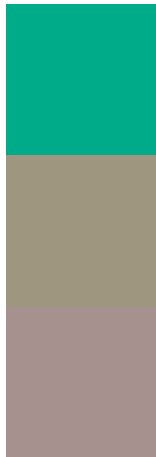


This preview shows how white text looks on a background with the Android color 4278233993.

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
4278233993

Protanopia
4288583294

Deuteranopia
4289171855

Trichromacy



Original Color

4278233993



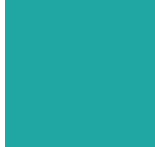
Protanomaly

4284849794



Deuteranomaly

4285176461



Tritanomaly

4280330148

Monochromacy



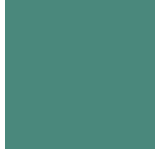
Original Color

4278233993



Achromatopsia

4285822068



Achromatomaly

4283074684

CSS Examples

Text

The CSS property to change the color of the text to Android 4278233993 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, 171, 137)` looks like.

```
.text, #text, p{  
    color:rgb(0, 171, 137)  
}
```

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, 171, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 171, 137) }
```

Border

The CSS property to change the border of an element to Android 4278233993 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, 171, 137) }
```

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

```
.border{ border-color:rgb(0, 171, 137) }
```

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

Here you see how a box with a 4 pixel rgb(0, 171, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 171, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 171, 137);  
box-shadow:4px 4px 4px 4px rgb(0, 171,  
137) }
```

Background

The CSS property to change the background color of an element to Android 4278233993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 171, 137) }
```

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

```
.background{ background-color: rgb(0, 171,  
137) }
```

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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