

Converting Colors

Android(4278233753)

Have a look what the booklet for
Android(4278233753) contains.

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Color

Android(4278233753)

Conversions

Conversions Part 1

Format	Color
Hex	00AA99
RGB	0, 170, 153
RGB Percent	0%, 67%, 60%
CMY	1.0000, 0.3333, 0.4000
CMYK	1.00, 0.00, 0.10, 0.33
HSL	174°, 100%, 33%
HSV	174°, 100%, 67%
XYZ	20.1245, 31.0494, 35.0694
YIQ	117.2320, -95.8630, -41.3270

Conversions

Conversions Part 2

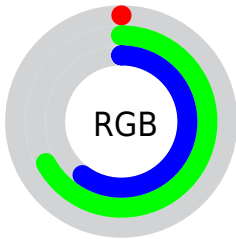
Format	Color
RYB	0, 89, 170
Decimal	43673
CIELab	62.55, -40.56, -1.66
CIELCh	63, 40.598, 182.350
Yxy	31.0494, 0.2333, 0.3600
Android (android.graphics.Color)	4278233753 (0xFF00AA99)
YUV	117.2320, 17.6336, -102.8125
Hunter-Lab	55.7220, -33.0465, 1.6903

Details

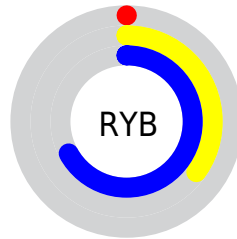
The Android color **4278233753** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **4289331217**, and the grayscale version is **4285887861**.

A 20% lighter version of the original color is **4284408527**, and **4278220134** is the 20% darker color. If you saturate the color by 10%, you get **4278233753**, and if you desaturate by 10%, it is **4279347867**.

Distribution



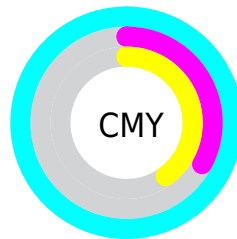
- Red (0%)
- Green (67%)
- Blue (60%)



- Red (0%)
- Yellow (35%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278233753 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 4278233753 by changing the saturation by 10% instead.

 4278233753

 4278233753

4294967295

 4278226815

 4284408527

 4278220134

 4286447595

 4278213454

 4288479231

 4278207287

 4290445311

 4278201378

 4292411391

 4278194445


 4294377471

 4278190080

 4278233753

 4279347867

 4280461980

 4281576094

 4282690208

 4283804321

 4284918435

 4286032549

 4287146663

 4288260776

Harmonies

Analogous

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



4284000117



4278233753



4278233533

Triad

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



4278233753



4288581076



4291397976

Complementary

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



4278233753



4289331217

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.



4292509299



4278233753



4291264697

Square

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



4278233753



4284652255



4292508310



4289435214

Rectangle

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



4278233753



4278232783



4292508310



4291855711

Sweetspot

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



4278233753



4288405207



4279347712



4282937452



4293980400



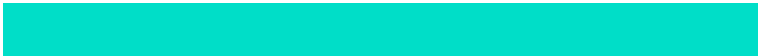
4285558896

Same Dimension

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



4278233753



4278247112



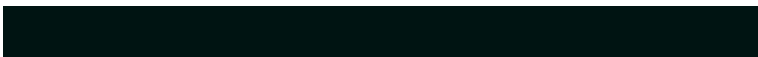
4278216362



4283192403



4278228101



4278195218

Inverse Universe

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



4289331217



4292739094



4289348608



4283714637



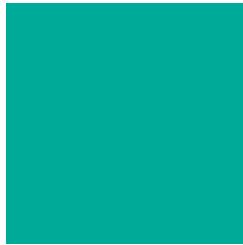
4287889423



4279500802

Previews

White Background



This preview shows how the Android color 4278233753 looks on a white background.

Color Contrast Check

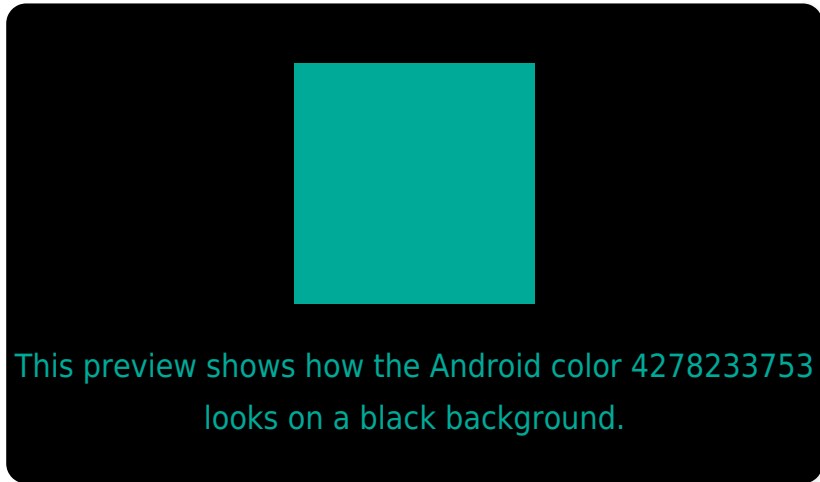
Large Text (above 18pt) WCAG AA × Fail

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 4278233753 Background



This preview shows how black text looks on a background with the Android color 4278233753.

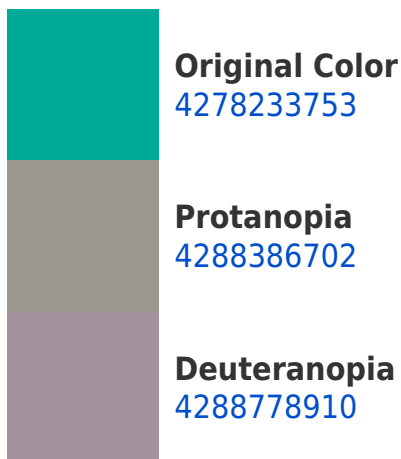


This preview shows how white text looks on a background with the Android color 4278233753.

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

4278233753



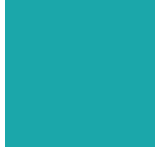
Protanomaly

4284718482



Deuteranomaly

4284914588



Tritanomaly

4280002474

Monochromacy



Original Color

4278233753



Achromatopsia

4285887861



Achromatomaly

4283074690

CSS Examples

Text

The CSS property to change the color of the text to Android 4278233753 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, 170, 153)` looks like.

```
.text, #text, p{  
    color:rgb(0, 170, 153)  
}
```

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, 170, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 170, 153) }
```

Border

The CSS property to change the border of an element to Android 4278233753 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, 170, 153) }
```

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

```
.border{ border-color:rgb(0, 170, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 170, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 170, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 170, 153);  
box-shadow:4px 4px 4px 4px rgb(0, 170,  
153) }
```

Background

The CSS property to change the background color of an element to Android 4278233753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 170, 153) }
```

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

```
.background{ background-color: rgb(0, 170,  
153) }
```

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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