

Converting Colors

Android(4278225023)

Have a look what the booklet for
Android(4278225023) contains.

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Color

Android(4278225023)

Conversions

Conversions Part 1

Format	Color
Hex	00887F
RGB	0, 136, 127
RGB Percent	0%, 53%, 50%
CMY	1.0000, 0.4667, 0.5020
CMYK	1.00, 0.00, 0.07, 0.47
HSL	176°, 100%, 27%
HSV	176°, 100%, 53%
XYZ	12.6349, 19.1406, 23.1073
YIQ	94.3100, -78.1670, -31.6310

Conversions

Conversions Part 2

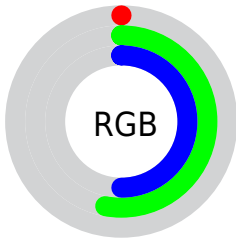
Format	Color
RYB	0, 70, 136
Decimal	34943
CIELab	50.85, -32.97, -4.04
CIELCh	51, 33.217, 186.977
Yxy	19.1406, 0.2302, 0.3488
Android (android.graphics.Color)	4278225023 (0xFF00887F)
YUV	94.3100, 16.1162, -82.7099
Hunter-Lab	43.7500, -25.0120, -0.6899

Details

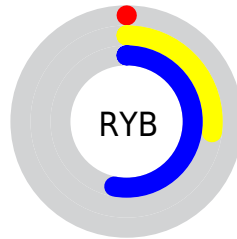
The Android color `4278225023` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4287102985`, and the grayscale version is `4284374622`.

A 20% lighter version of the original color is `4283743924`, and `4278211918` is the 20% darker color. If you saturate the color by 10%, you get `4278225023`, and if you desaturate by 10%, it is `4279142528`.

Distribution



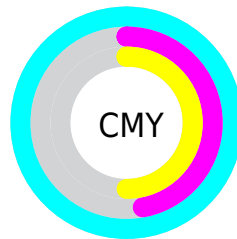
- Red (0%)
- Green (53%)
- Blue (50%)



- Red (0%)
- Yellow (27%)
- Blue (53%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (47%)



- Cyan (100%)
- Magenta (47%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278225023 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 4278225023 by changing the saturation by 10% instead.



4278225023



4278225023

4294967295



4278218342



4283743924



4278211918



4285651663



4278205751



4287559659



4278200098



4289462271



4278191629



4291428351



4278190080



4293328895



4278225023



4279142528

■ 4279994497

■ 4280912002

■ 4281763971

■ 4282681476

■ 4283598980

■ 4284450949

■ 4285368454

■ 4286220423

Harmonies

Analogous

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



4282549858



4278225023



4278224794

Triad

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



4278225023



4286934950



4288507973

Complementary

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



4278225023



4287102985

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.



4289488728



4278225023



4288833168

Square

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



4278225023



4284054193



4289684083



4286937664

Rectangle

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



4278225023



4278224040



4289684083



4288900170

Sweetspot

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



4278225023



4286296236



4278814720



4281948503



4292467161



4284045657

Same Dimension

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



4278225023



4278235300



4278209928



4282271044



4278224252



4278191365

Inverse Universe

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



4287102985



4289724428



4287118080



4282727998



4286906377



4278517760

Previews

White Background



This preview shows how the Android color 4278225023 looks on a white background.

Color Contrast Check

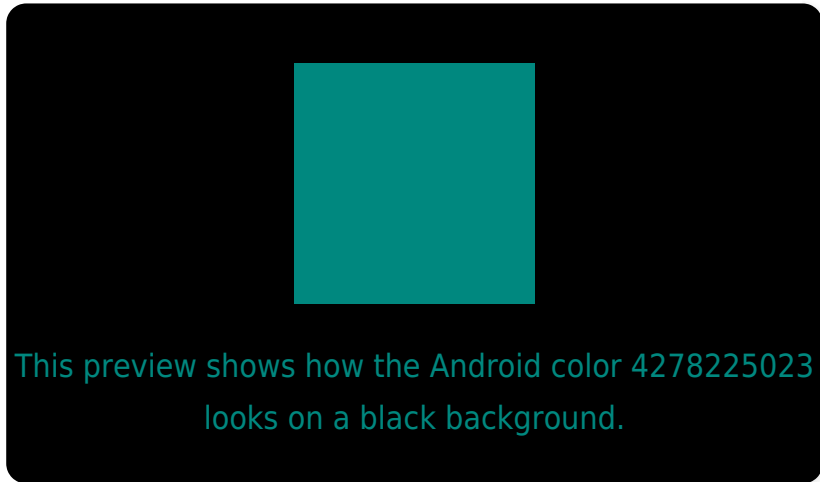
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278225023 Background



This preview shows how black text looks on a background with the Android color 4278225023.

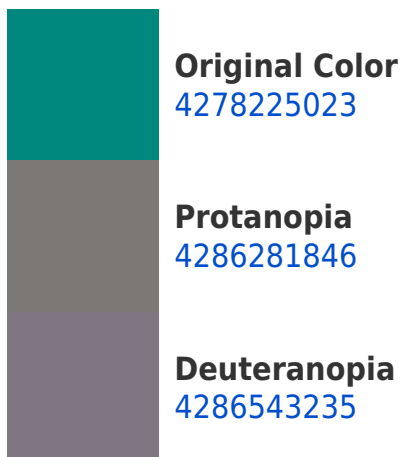


This preview shows how white text looks on a background with the Android color 4278225023.

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

4278225023



Protanomaly

4283334265



Deuteranomaly

4283530370



Tritanomaly

4279535242

Monochromacy



Original Color

4278225023



Achromatopsia

4284374622



Achromatomaly

4282150250

CSS Examples

Text

The CSS property to change the color of the text to Android 4278225023 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, 136, 127)` looks like.

```
.text, #text, p{  
    color:rgb(0, 136, 127)  
}
```

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, 136, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 136, 127) }
```

Border

The CSS property to change the border of an element to Android 4278225023 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, 136, 127) }
```

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

```
.border{ border-color:rgb(0, 136, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 136, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 136, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 136, 127);  
box-shadow:4px 4px 4px 4px rgb(0, 136,  
127) }
```

Background

The CSS property to change the background color of an element to Android 4278225023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 136, 127) }
```

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

```
.background{ background-color: rgb(0, 136,  
127) }
```

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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