

Converting Colors

Android(4278226827)

Have a look what the booklet for
Android(4278226827) contains.

Android(4278226827)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278226827)

Conversions

Conversions Part 1

Format	Color
Hex	008F8B
RGB	0, 143, 139
RGB Percent	0%, 56%, 55%
CMY	1.0000, 0.4392, 0.4549
CMYK	1.00, 0.00, 0.03, 0.44
HSL	178°, 100%, 28%
HSV	178°, 100%, 56%
XYZ	14.4827, 21.5090, 27.8144
YIQ	99.7870, -83.9440, -31.5600

Conversions

Conversions Part 2

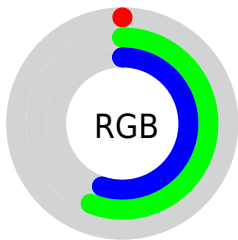
Format	Color
RYB	0, 73, 143
Decimal	36747
CIELab	53.50, -32.52, -7.07
CIElCh	54, 33.279, 192.266
Yxy	21.5090, 0.2270, 0.3371
Android (android.graphics.Color)	4278226827 (0xFF008F8B)
YUV	99.7870, 19.3320, -87.5132
Hunter-Lab	46.3778, -25.4199, -3.0939

Details

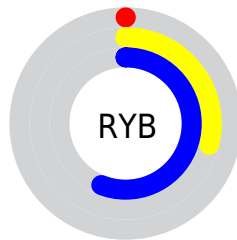
The Android color `4278226827` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4287561732`, and the grayscale version is `4284769380`.

A 20% lighter version of the original color is `4283942336`, and `4278213721` is the 20% darker color. If you saturate the color by 10%, you get `4278226827`, and if you desaturate by 10%, it is `4279144331`.

Distribution



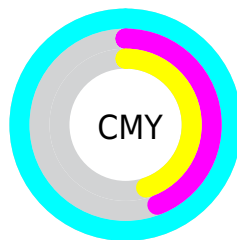
- Red (0%)
- Green (56%)
- Blue (55%)



- Red (0%)
- Yellow (29%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278226827 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 4278226827 by changing the saturation by 10% instead.



4278226827



4278226827

4294967295



4278220146



4283942336



4278213721



4285915868



4278207554



4287823609



4278201644



4289789951



4278195480



4291690495



4278190080



4293656575




4278226827



4279144331

 4280127372

 4281044876

 4281962381

 4282945421

 4283862925

 4284780430

 4285697934

 4286680975

Harmonies

Analogous

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



4282486381



4278226827



4278226341

Triad

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



4278226827



4287788202



4288772169

Complementary

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



4278226827



4287561732

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.



4289883995



4278226827



4289555346

Square

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



4278226827



4285104056



4290210165



4287070791

Rectangle

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



4278226827



4279732914



4290210165



4289230158

Sweetspot

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



4278226827



4286757561



4278554368



4282146397



4292796126



4284374622

Same Dimension

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



4278226827



4278237877



4278209679



4282402631



4278224771



4278192135

Inverse Universe

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



4287561732



4290379781



4287578880



4282859584



4287037444



4278714368

Previews

White Background



This preview shows how the Android color 4278226827 looks on a white background.

Color Contrast Check

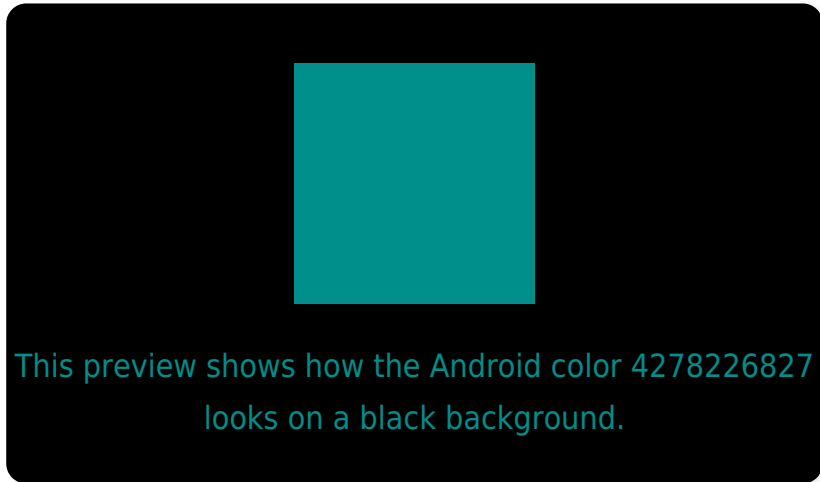
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278226827 Background



This preview shows how black text looks on a background with the Android color 4278226827.

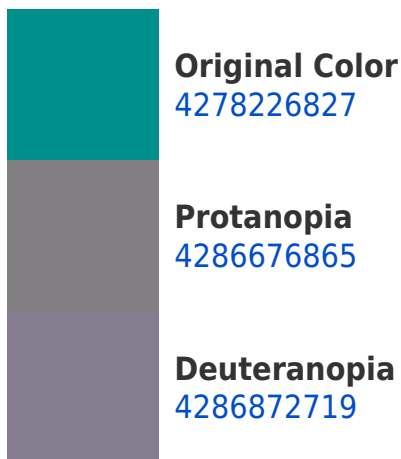


This preview shows how white text looks on a background with the Android color 4278226827.

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
4278226827

Protanomaly
4283598213

Deuteranomaly
4283728782

Tritanomaly
4279406227

Monochromacy



Original Color
4278226827

Achromatopsia
4284769380

Achromatomaly
4282414194

CSS Examples

Text

The CSS property to change the color of the text to Android 4278226827 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, 143, 139)` looks like.

```
.text, #text, p{  
    color:rgb(0, 143, 139)  
}
```

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, 143, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 143, 139) }
```

Border

The CSS property to change the border of an element to Android 4278226827 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, 143, 139) }
```

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

```
.border{ border-color:rgb(0, 143, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 143, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 143, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 143, 139);  
box-shadow:4px 4px 4px 4px rgb(0, 143,  
139) }
```

Background

The CSS property to change the background color of an element to Android 4278226827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 143, 139) }
```

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

```
.background{ background-color: rgb(0, 143,  
139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor