

Converting Colors

Android(4278228870)

Have a look what the booklet for
Android(4278228870) contains.

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Color

Android(4278228870)

Conversions

Conversions Part 1

Format	Color
Hex	009786
RGB	0, 151, 134
RGB Percent	0%, 59%, 53%
CMY	1.0000, 0.4078, 0.4745
CMYK	1.00, 0.00, 0.11, 0.41
HSL	173°, 100%, 30%
HSV	173°, 100%, 59%
XYZ	15.3697, 23.8544, 26.3486
YIQ	103.9130, -84.5390, -37.2990

Conversions

Conversions Part 2

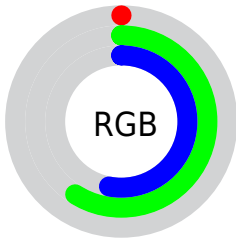
Format	Color
RYB	0, 80, 151
Decimal	38790
CIELab	55.94, -37.69, -0.59
CIELCh	56, 37.695, 180.903
Yxy	23.8544, 0.2344, 0.3638
Android (android.graphics.Color)	4278228870 (0xFF009786)
YUV	103.9130, 14.8329, -91.1317
Hunter-Lab	48.8410, -29.3000, 2.2032

Details

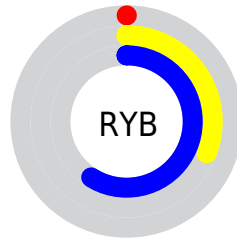
The Android color `4278228870` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4288086033`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4284010171`, and `4278215509` is the 20% darker color. If you saturate the color by 10%, you get `4278228870`, and if you desaturate by 10%, it is `4279211912`.

Distribution



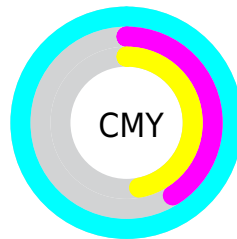
- Red (0%)
- Green (59%)
- Blue (53%)



- Red (0%)
- Yellow (31%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278228870 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 4278228870 by changing the saturation by 10% instead.

 4278228870

 4278228870

4294967295

 4278222189

 4284010171

 4278215509

 4285983447


 4278209085

 4287954931

 4278203176

 4289855487

 4278197779

 4291821567


 4278190080

 4293787647

 4278228870

 4279211912

 4280194953

 4281177995

 4282161037

 4283209614

 4284192656

 4285175698

 4286158740

 4287141781

Harmonies

Analogous

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



4283405413



4278228870



4278228647

Triad

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



4278228870



4287266238



4290017613

Complementary

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



4278228870



4288086033

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.



4290998118



4278228870



4289753510

Square

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



4278228870



4283599303



4290931590



4288251203

Rectangle

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



4278228870



4278228152



4290931590



4290409812

Sweetspot

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



4278228870



4287218878



4279408384



4282409823



4293125091



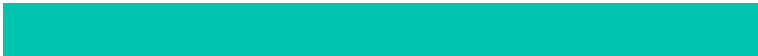
4284703587

Same Dimension

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



4278228870



4278240430



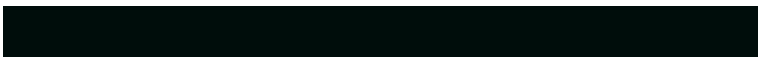
4278214039



4282731852



4278226044



4278193419

Inverse Universe

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



4288086033



4291035158



4288100864



4283254086



4287365136



4279042049

Previews

White Background



This preview shows how the Android color 4278228870 looks on a white background.

Color Contrast Check

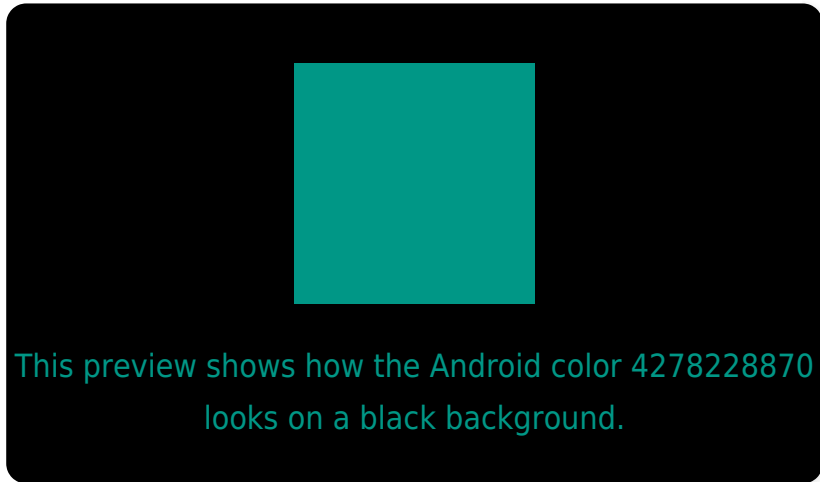
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278228870 Background



This preview shows how black text looks on a background with the Android color 4278228870.



This preview shows how white text looks on a background with the Android color 4278228870.

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
4278228870



Protanomaly
4283993216



Deuteranomaly
4284254601



Tritanomaly
4279866518

Monochromacy



Original Color
4278228870



Achromatopsia
4285032552



Achromatomaly
4282546547

CSS Examples

Text

The CSS property to change the color of the text to Android 4278228870 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, 151, 134)` looks like.

```
.text, #text, p{  
    color:rgb(0, 151, 134)  
}
```

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, 151, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 151, 134) }
```

Border

The CSS property to change the border of an element to Android 4278228870 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, 151, 134) }
```

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

```
.border{ border-color:rgb(0, 151, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 151, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 151, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 151, 134);  
box-shadow:4px 4px 4px 4px rgb(0, 151,  
134) }
```

Background

The CSS property to change the background color of an element to Android 4278228870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 151, 134) }
```

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

```
.background{ background-color: rgb(0, 151,  
134) }
```

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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