

Converting Colors

Android(4278233774)

Have a look what the booklet for
Android(4278233774) contains.

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Color

Android(4278233774)

Conversions

Conversions Part 1

Format	Color
Hex	00AAAE
RGB	0, 170, 174
RGB Percent	0%, 67%, 68%
CMY	1.0000, 0.3333, 0.3176
CMYK	1.00, 0.02, 0.00, 0.32
HSL	181°, 100%, 34%
HSV	181°, 100%, 68%
XYZ	22.0147, 31.8054, 45.0232
YIQ	119.6260, -102.6040, -34.7960

Conversions

Conversions Part 2

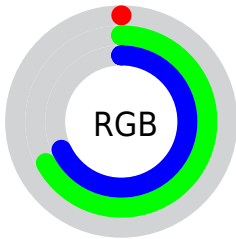
Format	Color
RYB	0, 86, 174
Decimal	43694
CIELab	63.18, -34.24, -12.48
CIELCh	63, 36.441, 200.028
Yxy	31.8054, 0.2227, 0.3218
Android (android.graphics.Color)	4278233774 (0xFF00AAAE)
YUV	119.6260, 26.8064, -104.9120
Hunter-Lab	56.3963, -29.0148, -7.8559

Details

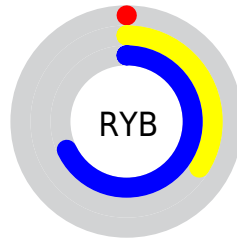
The Android color `4278233774` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4289594368`, and the grayscale version is `4286019447`.

A 20% lighter version of the original color is `4284605157`, and `4278220154` is the 20% darker color. If you saturate the color by 10%, you get `4278233774`, and if you desaturate by 10%, it is `4279347886`.

Distribution



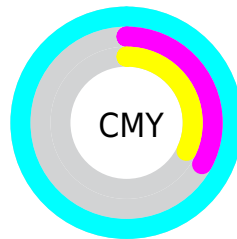
- Red (0%)
- Green (67%)
- Blue (68%)



- Red (0%)
- Yellow (34%)
- Blue (68%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (33%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278233774 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 4278233774 by changing the saturation by 10% instead.

 4278233774

 4278233774

4294967295

 4278226835

 4284605157

 4278220154

 4286644223

 4278213729

 4288675839

 4278207561

 4290641919

 4278201651

 4292673535

 4278195230

 4294639615

 4278190082

 4278190080

 4278233774

■ 4279347886

■ 4280527790

■ 4281641902

■ 4282821806

■ 4283935918

■ 4285050030

■ 4286229934

■ 4287344046

■ 4288523950

Harmonies

Analogous

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



4282886541



4278233774



4278429642

Triad

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



4278233774



4290218435



4290286425

Complementary

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



4278233774



4289594368

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.



4291725417



4278233774



4291920293

Square

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



4278233774



4287403478



4292378756



4288192091

Rectangle

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



4278233774



4282360533



4292378756



4290809692

Sweetspot

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



4278233774



4288668131



4278234627



4283003507



4294111986



4285756275

Same Dimension

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



4278233774



4278247139



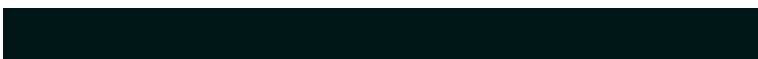
4278211758



4283324247



4278227862



4278195735

Inverse Universe

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



4289593514



4293066974



4289616384



4283911767



4288020627



4279697430

Previews

White Background



This preview shows how the Android color 4278233774 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



This preview shows how the Android color 4278233774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

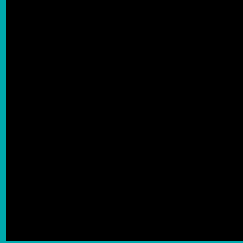
Any Text WCAG AA ✓ Pass

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 4278233774 Background



This preview shows how black text looks on a background with the Android color 4278233774.

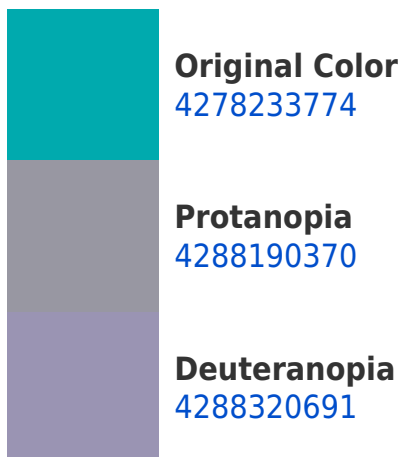


This preview shows how white text looks on a background with the Android color 4278233774.

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

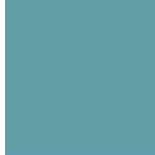


Trichromacy



Original Color

4278233774



Protanomaly

4284587686



Deuteranomaly

4284652721



Tritanomaly

4279347635

Monochromacy



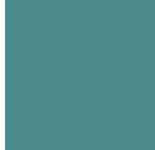
Original Color

4278233774



Achromatopsia

4286085240



Achromatomaly

4283206284

CSS Examples

Text

The CSS property to change the color of the text to Android 4278233774 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(0, 170, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 170, 174) }
```

Border

The CSS property to change the border of an element to Android 4278233774 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, 174) }
```

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

```
.border{ border-color:rgb(0, 170, 174) }
```

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, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 170, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 170, 174);  
box-shadow:4px 4px 4px 4px rgb(0, 170,  
174) }
```

Background

The CSS property to change the background color of an element to Android 4278233774 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, 174) }
```

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

```
.background{ background-color: rgb(0, 170,  
174) }
```

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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