

# Converting Colors

Android(4278238383)

Have a look what the booklet for  
Android(4278238383) contains.

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# **Color**

**Android(4278238383)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00BCAF
RGB	0, 188, 175
RGB Percent	0%, 74%, 69%
CMY	1.0000, 0.2627, 0.3137
CMYK	1.00, 0.00, 0.07, 0.26
HSL	176°, 100%, 37%
HSV	176°, 100%, 74%
XYZ	25.7211, 39.0616, 46.7414
YIQ	130.3060, -107.8750, -43.8990

# Conversions

## Conversions Part 2

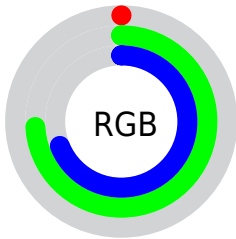
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 97, 188</a>
Decimal	<a href="#">48303</a>
CIELab	<a href="#">68.80, -42.09, -4.67</a>
CIELCh	<a href="#">69, 42.348, 186.335</a>
Yxy	<a href="#">39.0616, 0.2306, 0.3503</a>
Android (android.graphics.Color)	<a href="#">4278238383 (0xFF00BCAF)</a>
YUV	<a href="#">130.3060, 22.0341, -114.2784</a>
Hunter-Lab	<a href="#">62.4993, -35.9134, -0.5918</a>

# Details

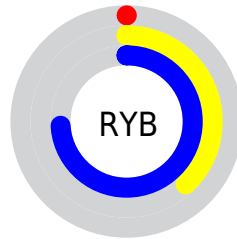
The Android color **4278238383** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **4290510861**, and the grayscale version is **4286743170**.

A 20% lighter version of the original color is **4284806630**, and **4278224507** is the 20% darker color. If you saturate the color by 10%, you get **4278238383**, and if you desaturate by 10%, it is **4279483568**.

# Distribution



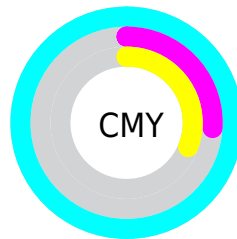
- Red (0%)
- Green (74%)
- Blue (69%)



- Red (0%)
- Yellow (38%)
- Blue (74%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (26%)



- Cyan (100%)
- Magenta (26%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278238383 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 4278238383 by changing the saturation by 10% instead.



 4278238383

 4278238383

4294967295

 4278231444

 4284806630

 4278224507

 4286906367

 4278217826

 4288937983

 4278211402

 4290969599

 4278204980

 4293001215

 4278199583


 4278190086

 4278190080

 4278238383

 4279483568

 4280728754

 4281908403

 4283153588

 4284398774

 4285643959

 4286889144

 4288068793

 4289313979

# Harmonies

## Analogous

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



4284397960



4278238383



4278237908

# Triad

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



4278238383



4290157542



4292451170

# Complementary

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



4278238383



4290510861

# 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.



4293824380



4278238383



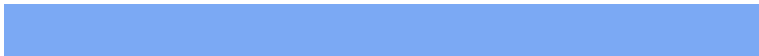
4292775623

# Square

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



4278238383



4286294516



4294019489



4290291802

# Rectangle

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



4278238383



4278237159



4294019489



4293039721

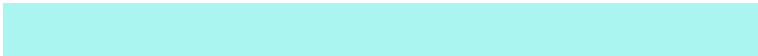


# Sweetspot

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



4278238383



4289459696



4279286784



4283333239



4294638330



4286216826



# Same Dimension

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



4278238383



4278253028



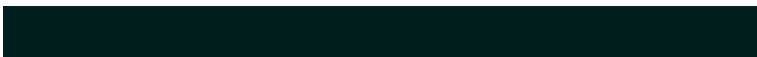
4278218428



4283784798



4278230675



4278198044



# Inverse Universe

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



4290510861



4294246417



4290530816



4284372310



4288544779



4280221698



# Previews

## White Background



This preview shows how the Android color 4278238383 looks on a white background.

## Color Contrast Check

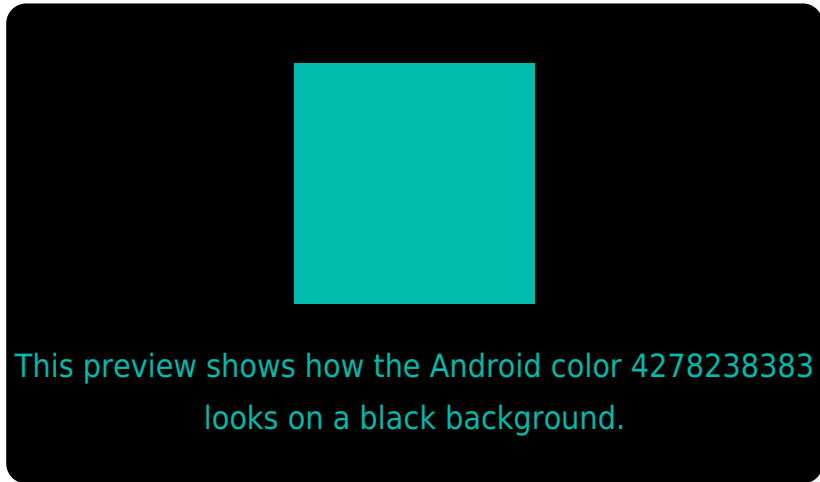
Large Text (above 18pt) WCAG AA × Fail

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

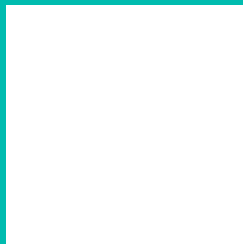
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278238383 Background



This preview shows how black text looks on a background with the Android color 4278238383.

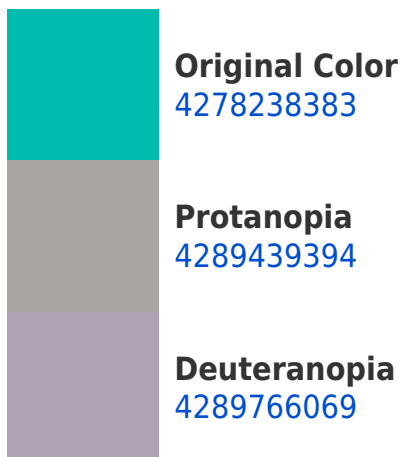


This preview shows how white text looks on a background with the Android color 4278238383.

# 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**

4278238383



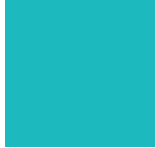
**Protanomaly**

4285378215



**Deuteranomaly**

4285574067



**Tritanomaly**

4280072638

# Monochromacy



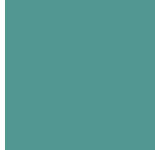
**Original Color**

4278238383



**Achromatopsia**

4286743170



**Achromatomaly**

4283668370

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278238383 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, 188, 175)` looks like.

```
.text, #text, p{  
    color:rgb(0, 188, 175)  
}
```

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, 188, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 188, 175) }
```

## Border

The CSS property to change the border of an element to Android 4278238383 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, 188, 175) }
```

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

```
.border{ border-color:rgb(0, 188, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 188, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 188, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 188, 175);  
box-shadow:4px 4px 4px 4px rgb(0, 188,  
175) }
```

# Background

The CSS property to change the background color of an element to Android 4278238383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 188, 175) }
```

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

```
.background{ background-color: rgb(0, 188,  
175) }
```

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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