

# Converting Colors

Android(4278233250)

Have a look what the booklet for  
Android(4278233250) contains.

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# **Color**

**Android(4278233250)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A8A2
RGB	0, 168, 162
RGB Percent	0%, 66%, 64%
CMY	1.0000, 0.3412, 0.3647
CMYK	1.00, 0.00, 0.04, 0.34
HSL	178°, 100%, 33%
HSV	178°, 100%, 66%
XYZ	20.5242, 30.6139, 39.0098
YIQ	117.0840, -98.2020, -37.4820

# Conversions

## Conversions Part 2

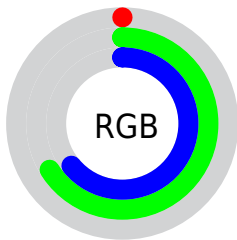
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 86, 168
Decimal	43170
CIELab	62.18, -37.01, -7.25
CIELCh	62, 37.717, 191.089
Yxy	30.6139, 0.2277, 0.3396
Android (android.graphics.Color)	4278233250 (0xFF00A8A2)
YUV	117.0840, 22.1436, -102.6827
Hunter-Lab	55.3298, -30.6139, -3.0710

# Details

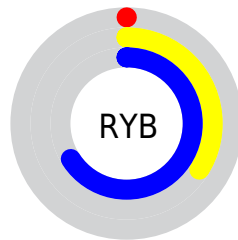
The Android color **4278233250** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **4289200134**, and the grayscale version is **4285887861**.

A 20% lighter version of the original color is **4284473561**, and **4278219631** is the 20% darker color. If you saturate the color by 10%, you get **4278233250**, and if you desaturate by 10%, it is **4279347363**.

# Distribution



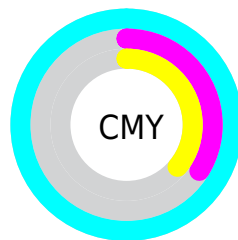
- Red (0%)
- Green (66%)
- Blue (64%)



- Red (0%)
- Yellow (34%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278233250 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 4278233250 by changing the saturation by 10% instead.



 4278233250

 4278233250

4294967295

 4278226312

 4284473561

 4278219631

 4286512629

 4278213206

 4288479231

 4278207039

 4290510847

 4278201129

 4292476927

 4278193941

 4294443007

 4278190080

 4278233250

 4279347363

 4280461475

 4281510052

 4282624164

 4283738277

 4284852390

 4285966502

 4287015079

 4288129191

# Harmonies

## Analogous

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



4283410047



4278233250



4278232769

# Triad

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



4278233250



4289366473



4290678103

# Complementary

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



4278233250



4289200134

# 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.



4291986028



4278233250



4291461037

# Square

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



4278233250



4286158296



4292312203



4288714835

# Rectangle

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



4278233250



4279476944



4292312203



4291201372



# Sweetspot

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



4278233250



4288338905



4278757376



4282805868



4293783021



4285427310



# Same Dimension

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



4278233250



4278246355



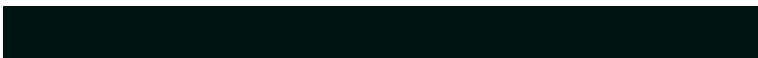
4278213800



4283192404



4278228111



4278195220



# Inverse Universe

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



4289200134



4292542472



4289219584



4283714636



4287889413



4279500801



# Previews

## White Background



This preview shows how the Android color 4278233250 looks on a white background.

## Color Contrast Check

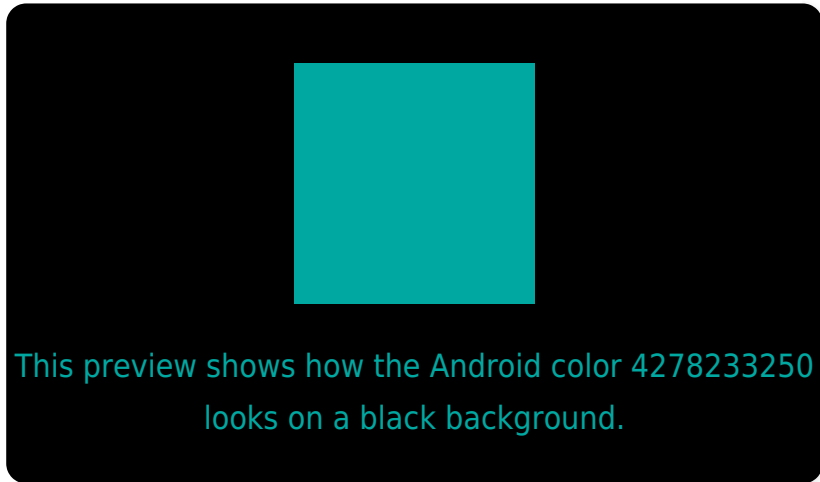
Large Text (above 18pt) WCAG AA × Fail

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

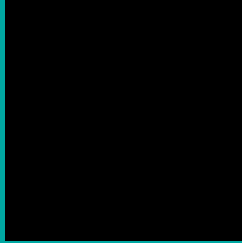
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4278233250 Background



This preview shows how black text looks on a background with the Android color 4278233250.

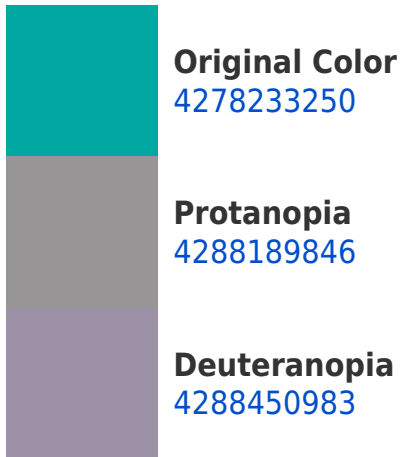


This preview shows how white text looks on a background with the Android color 4278233250.

# 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**

4278233250



**Protanomaly**

4284587162



**Deuteranomaly**

4284717477



**Tritanomaly**

4279740077

# Monochromacy



**Original Color**

4278233250



**Achromatopsia**

4285887861



**Achromatomaly**

4283074693

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278233250 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, 168, 162)` looks like.

```
.text, #text, p{  
    color:rgb(0, 168, 162)  
}
```

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, 168, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 168, 162) }
```

## Border

The CSS property to change the border of an element to Android 4278233250 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, 168, 162) }
```

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

```
.border{ border-color:rgb(0, 168, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 168, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 168, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 168, 162);  
box-shadow:4px 4px 4px 4px rgb(0, 168,  
162) }
```

# Background

The CSS property to change the background color of an element to Android 4278233250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 168, 162) }
```

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

```
.background{ background-color: rgb(0, 168,  
162) }
```

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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