

# Converting Colors

Android(4278233763)

Have a look what the booklet for  
Android(4278233763) contains.

|                                          |    |
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**Color**

**Android(4278233763)**

# Conversions

| Conversions Part 1 |                              |
|--------------------|------------------------------|
| Format             | Color                        |
| Hex                | 00AAA3                       |
| RGB                | 0, 170, 163                  |
| RGB Percent        | 0%, 67%, 64%                 |
| CMY                | 1.0000, 0.3333, 0.3608       |
| CMYK               | 1.00, 0.00, 0.04, 0.33       |
| HSL                | 178°, 100%, 33%              |
| HSV                | 178°, 100%, 67%              |
| XYZ                | 20.9856, 31.3938, 39.6039    |
| YIQ                | 118.3720, -99.0730, -38.2170 |

# Conversions

## Conversions Part 2

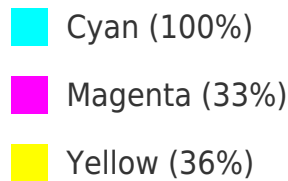
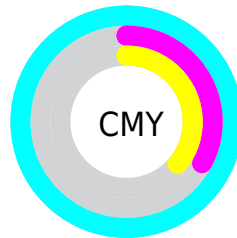
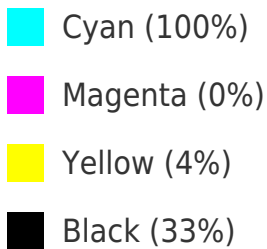
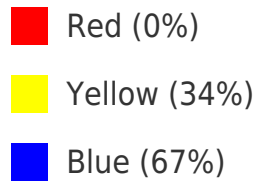
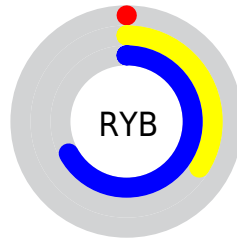
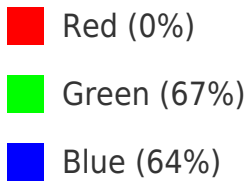
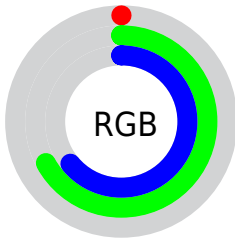
| Format                              | Color                                        |
|-------------------------------------|----------------------------------------------|
| <a href="#">RYB</a>                 | <a href="#">0, 87, 170</a>                   |
| Decimal                             | <a href="#">43683</a>                        |
| CIELab                              | <a href="#">62.84, -37.62, -6.84</a>         |
| CIELCh                              | <a href="#">63, 38.236, 190.300</a>          |
| Yxy                                 | <a href="#">31.3938, 0.2281, 0.3413</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4278233763</a><br>(0xFF00AAA3)   |
| YUV                                 | <a href="#">118.3720, 22.0016, -103.8122</a> |
| Hunter-Lab                          | <a href="#">56.0302, -31.1973, -2.6869</a>   |

# Details

The Android color **4278233763** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **4289331207**, and the grayscale version is **4285953654**.

A 20% lighter version of the original color is **4284474074**, and **4278220143** is the 20% darker color. If you saturate the color by 10%, you get **4278233763**, and if you desaturate by 10%, it is **4279347876**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Android color 4278233763 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 4278233763 by changing the saturation by 10% instead.



 4278233763

 4278233763

4294967295

 4278226825

 4284474074

 4278220143

 4286578678

 4278213719

 4288544767

 4278207296

 4290510847

 4278201386

 4292542463

 4278194710

 4294508543

 4278190080

 4278233763

 4279347876

 4280461988

 4281576101

 4282690214

 4283804326

 4284918439

 4286032552

 4287146665

 4288260777

# Harmonies

## Analogous

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



4283541632



4278233763



4278233283

# Triad

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



4278233763



4289432524



4290874968

# Complementary

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



4278233763



4289331207

# 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.



4292182894



4278233763



4291592368

# Square

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



4278233763



4286093275



4292443533



4288846420

# Rectangle

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



4278233763



4278887634



4292443533



4291398238



# Sweetspot

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



4278233763



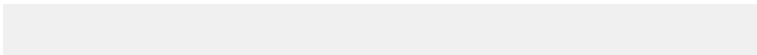
4288405211



4278757888



4282937455



4293980400



4285558896

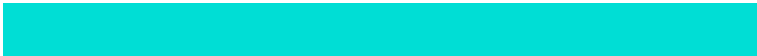


# Same Dimension

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



4278233763



4278247125



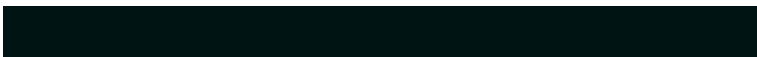
4278214314



4283192404



4278228110



4278195220



# Inverse Universe

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



4289331207



4292739081



4289350656



4283714636



4287889414

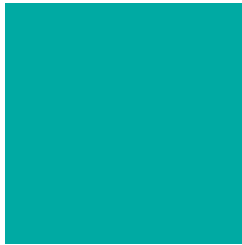


4279500801



# Previews

## White Background



This preview shows how the Android color 4278233763 looks on a white background.

## Color Contrast Check

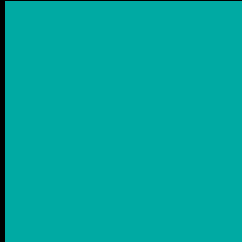
Large Text (above 18pt) WCAG AA × Fail

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 4278233763 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

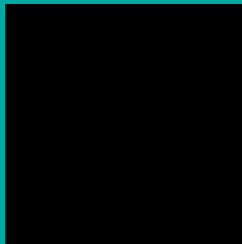
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4278233763 Background



This preview shows how black text looks on a background with the Android color 4278233763.

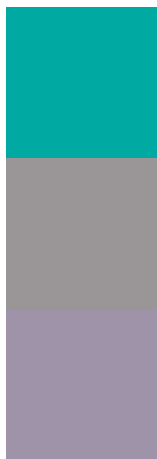


This preview shows how white text looks on a background with the Android color 4278233763.

# 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



**Original Color**

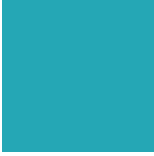
4278233763

**Protanopia**

4288321175

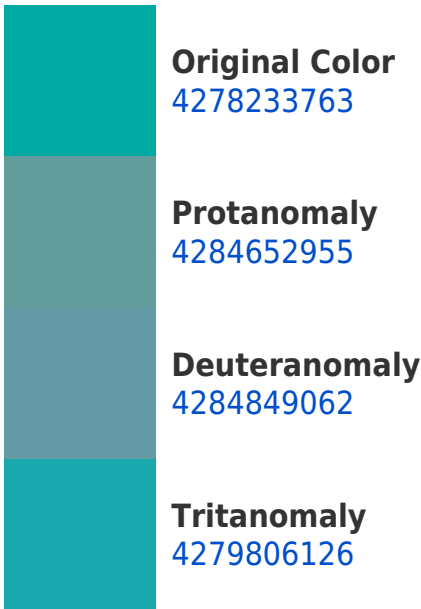
**Deuteranopia**

4288582568



**Tritanopia**  
4280657845

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278233763 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(0, 170, 163)  
}
```

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, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 170, 163) }
```

## Border

The CSS property to change the border of an element to Android 4278233763 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, 163) }
```

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

```
.border{ border-color:rgb(0, 170, 163) }
```

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, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 170, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 170, 163);  
box-shadow:4px 4px 4px 4px rgb(0, 170,  
163) }
```

# Background

The CSS property to change the background color of an element to Android 4278233763 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, 163) }
```

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

```
.background{ background-color:rgb(0, 170,  
163) }
```

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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