

# Converting Colors

Android(4278623388)

Have a look what the booklet for  
Android(4278623388) contains.

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# Color

**Android(4278623388)**

# Conversions

Conversions Part 1	
Format	Color
Hex	069C9C
RGB	6, 156, 156
RGB Percent	2%, 61%, 61%
CMY	0.9765, 0.3882, 0.3882
CMYK	0.96, 0.00, 0.00, 0.39
HSL	180°, 93%, 32%
HSV	180°, 96%, 61%
XYZ	17.9643, 26.2160, 35.5659
YIQ	111.1500, -89.4000, -31.8000

# Conversions

## Conversions Part 2

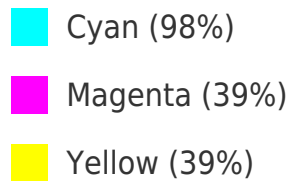
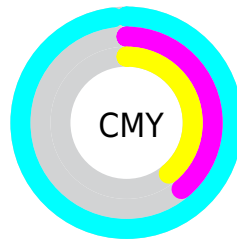
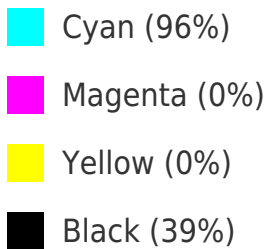
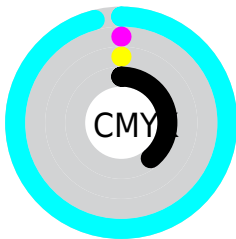
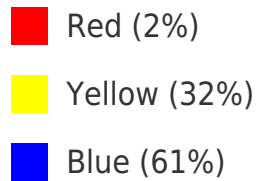
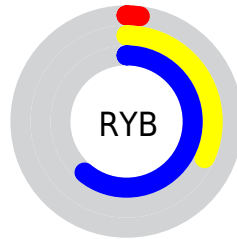
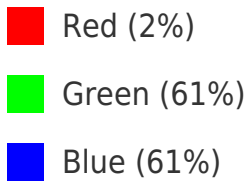
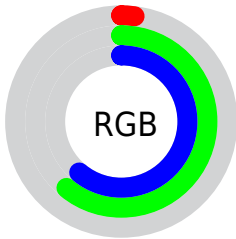
Format	Color
<a href="#">RYB</a>	<a href="#">6, 81, 156</a>
Decimal	<a href="#">433308</a>
CIELab	<a href="#">58.24, -33.06, -9.74</a>
CIELCh	<a href="#">58, 34.468, 196.407</a>
Yxy	<a href="#">26.2160, 0.2253, 0.3287</a>
Android (android.graphics.Color)	<a href="#">4278623388</a> (0xFF069C9C)
YUV	<a href="#">111.1500, 22.1111, -92.2165</a>
Hunter-Lab	<a href="#">51.2015, -26.9750, -5.3433</a>

# Details

The Android color **4278623388** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **4288415238**, and the grayscale version is **4285493103**.

A 20% lighter version of the original color is **4284339154**, and **4278216809** is the 20% darker color. If you saturate the color by 10%, you get **4278230172**, and if you desaturate by 10%, it is **4279671964**.

# Distribution






















# Brightness & Saturation Gradients

These gradients show how the Android color 4278623388 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 4278623388 by changing the saturation by 10% instead.



 4278623388	 4278623388
4294967295	 4278223490
 4284339154	 4278216809
 4286378223	 4278210385
 4288282623	 4278204474
 4290248703	 4278199332
 4292214783	 4278190351
 4294180863	 4278190080
 4278623388	 4278623388
 4278230172	 4279671964

 4280655004

 4281703580

 4282686620

 4283735196

 4284783772

 4285766812

 4286815388

 4287798428

# Harmonies

## Analogous

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



4282751869



4278623388



4278229431

# Triad

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



4278623388



4288970422



4289496401

# Complementary

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



4278623388



4288415238

# 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.



4290739042



4278623388



4290672283

# Square

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



4278623388



4286286278



4291261820



4287598417

# Rectangle

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



4278623388



4281308867



4291261820



4289954389



# Sweetspot

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



4278623388



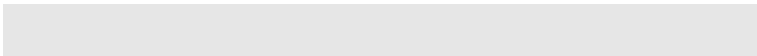
4287745228



4278623238



4282541670



4293322470



4284900966

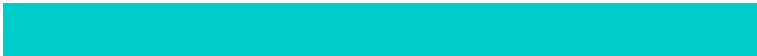


# Same Dimension

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



4278623388



4278242508



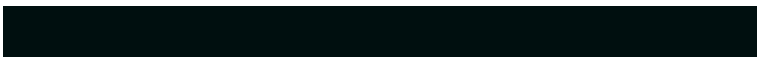
4278604188



4282863439



4278226831



4278193935



# Inverse Universe

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



4288415388



4291559628



4288434438



4283385679



4287561871

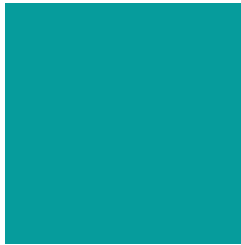


4279173135



# Previews

## White Background



This preview shows how the Android color 4278623388 looks on a white background.

## Color Contrast Check

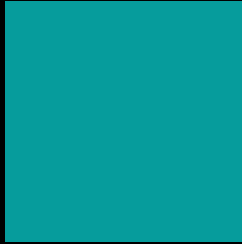
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Android color 4278623388 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 × Fail

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



## Android 4278623388 Background



This preview shows how black text looks on a background with the Android color 4278623388.

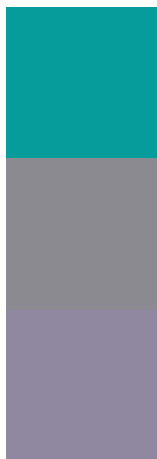


This preview shows how white text looks on a background with the Android color 4278623388.

# 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**

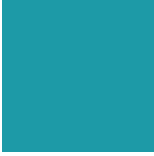
4278623388

**Protanopia**

4287400593

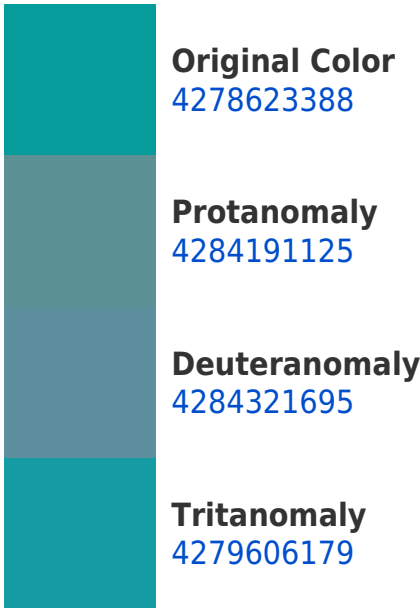
**Deuteranopia**

4287596704

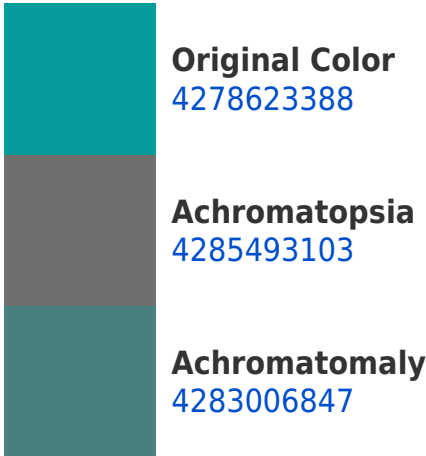


**Tritanopia**  
4280130215

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278623388 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(6, 156, 156)` looks like.

```
.text, #text, p{  
    color:rgb(6, 156, 156)  
}
```

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(6, 156, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 156, 156) }
```

## Border

The CSS property to change the border of an element to Android 4278623388 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(6, 156, 156) }
```

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

```
.border{ border-color:rgb(6, 156, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 156, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 156, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 156, 156);  
box-shadow:4px 4px 4px 4px rgb(6, 156,  
156) }
```

# Background

The CSS property to change the background color of an element to Android 4278623388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(6, 156, 156) }
```

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

```
.background{ background-color:rgb(6, 156,  
156) }
```

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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