

# Converting Colors

Android(4278245057)

Have a look what the booklet for  
Android(4278245057) contains.

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# Color

**Android(4278245057)**

# Conversions

Conversions Part 1	
Format	Color
Hex	00D6C1
RGB	0, 214, 193
RGB Percent	0%, 84%, 76%
CMY	1.0000, 0.1608, 0.2431
CMYK	1.00, 0.00, 0.10, 0.16
HSL	174°, 100%, 42%
HSV	174°, 100%, 84%
XYZ	33.6722, 51.9434, 58.7034
YIQ	147.6200, -120.8030, -51.8990

# Conversions

## Conversions Part 2

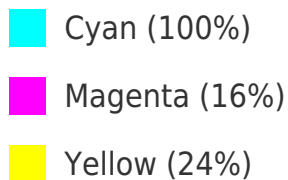
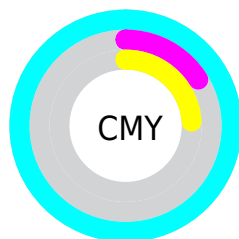
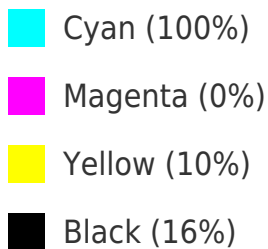
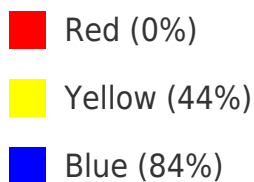
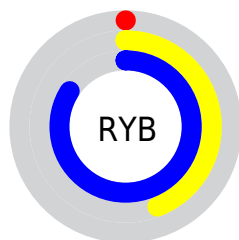
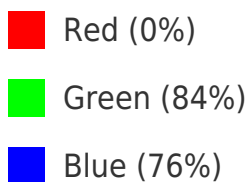
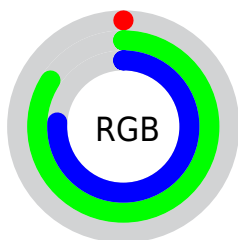
Format	Color
<a href="#">RYB</a>	<a href="#">0, 113, 214</a>
Decimal	<a href="#">54977</a>
CIELab	<a href="#">77.25, -48.13, -2.01</a>
CIELCh	<a href="#">77, 48.177, 182.389</a>
Yxy	<a href="#">51.9434, 0.2333, 0.3599</a>
Android (android.graphics.Color)	<a href="#">4278245057</a> (0xFF00D6C1)
YUV	<a href="#">147.6200, 22.3723, -129.4627</a>
Hunter-Lab	<a href="#">72.0718, -42.7297, 2.1577</a>

# Details

The Android color **4278245057** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **4292214805**, and the grayscale version is **4287861651**.

A 20% lighter version of the original color is **4285267961**, and **4278230668** is the 20% darker color. If you saturate the color by 10%, you get **4278245057**, and if you desaturate by 10%, it is **4279621315**.

# Distribution



















# Brightness & Saturation Gradients

These gradients show how the Android color 4278245057 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 4278245057 by changing the saturation by 10% instead.



 4278245057	 4278245057
 4294967295	 4278237862
 4285267961	 4278230668
 4287496191	 4278223730
 4289593343	 4278217050
 4291624959	 4278210626
 4293722111	 4278204460
	 4278198552
	 4278190080

 4278245057

 4279621315

 4281063109

 4282439367

 4283881161

 4285257419

 4286633678

 4288075472

 4289451730

 4290893524

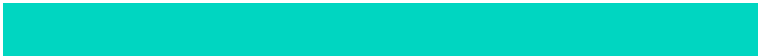
# Harmonies

## Analogous

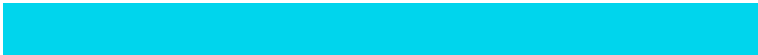
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4285649556



4278245057



4278244845

# Triad

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



4278245057



4291343103



4294749808

# Complementary

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



4278245057



4292214805

# 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.



4294942865



4278245057



4294550249

# Square

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



4278245057



4286431999



4294941373



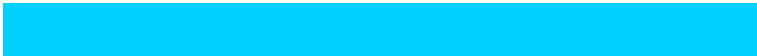
4292328804

# Rectangle

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



4278245057



4278243839



4294941373



4294944890

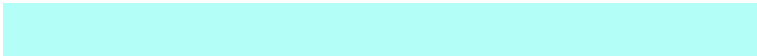


# Sweetspot

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



4278245057



4289986551



4279621120



4283596923



4278190080

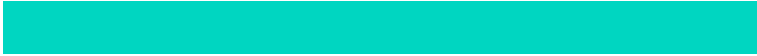


4286611584



# Same Dimension

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



4278245057



4278255590



4278223062



4284509034



4278234010



4278201127



# Inverse Universe

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



4292214805



4294901785



4292236800



4285227105



4289396753

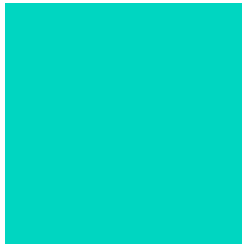


4281008132



# Previews

## White Background



This preview shows how the Android color 4278245057 looks on a white background.

## Color Contrast Check

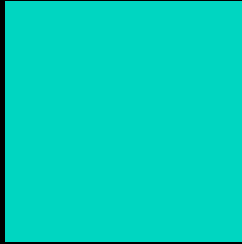
Large Text (above 18pt) WCAG AA × Fail

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 4278245057 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

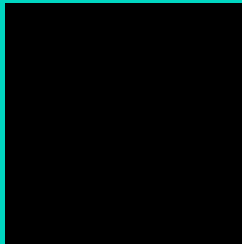
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

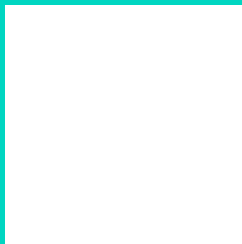
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Android 4278245057 Background



This preview shows how black text looks on a background with the Android color 4278245057.

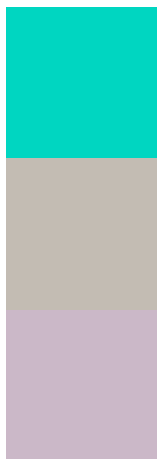


This preview shows how white text looks on a background with the Android color 4278245057.

# 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**

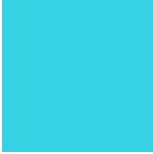
4278245057

**Protanopia**

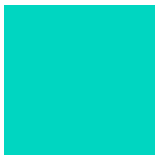
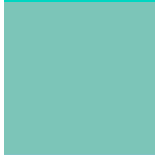
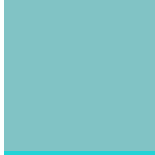
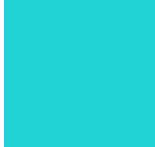
4291017907

**Deuteranopia**

4291541192



# Trichromacy

	<b>Original Color</b> 4278245057
	<b>Protanomaly</b> 4286367160
	<b>Deuteranomaly</b> 4286694341
	<b>Tritanomaly</b> 4280472534

# Monochromacy

	<b>Original Color</b> 4278245057
	<b>Achromatopsia</b> 4287927444
	<b>Achromatomaly</b> 4284394660

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278245057 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, 214, 193)` looks like.

```
.text, #text, p{  
    color:rgb(0, 214, 193)  
}
```

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, 214, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 214, 193) }
```

## Border

The CSS property to change the border of an element to Android 4278245057 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, 214, 193) }
```

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

```
.border{ border-color:rgb(0, 214, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 214, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 214, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 214, 193);  
box-shadow:4px 4px 4px 4px rgb(0, 214,  
193) }
```

# Background

The CSS property to change the background color of an element to Android 4278245057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(0, 214, 193) }
```

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

```
.background{ background-color:rgb(0, 214,  
193) }
```

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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