

# Converting Colors

Android(4278248104)

Have a look what the booklet for  
Android(4278248104) contains.

<b>Android(4278248104)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4278248104)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00E2A8
RGB	0, 226, 168
RGB Percent	0%, 89%, 66%
CMY	1.0000, 0.1137, 0.3412
CMYK	1.00, 0.00, 0.26, 0.11
HSL	165°, 100%, 44%
HSV	165°, 100%, 89%
XYZ	34.2642, 57.2199, 46.2844
YIQ	151.8140, -116.0780, -65.9500

# Conversions

## Conversions Part 2

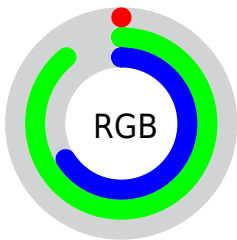
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 130, 226
Decimal	58024
CIELab	80.30, -59.25, 15.66
CIELCh	80, 61.281, 165.194
Yxy	57.2199, 0.2487, 0.4153
Android (android.graphics.Color)	4278248104 (0xFF00E2A8)
YUV	151.8140, 7.9797, -133.1409
Hunter-Lab	75.6438, -51.5219, 16.6727

# Details

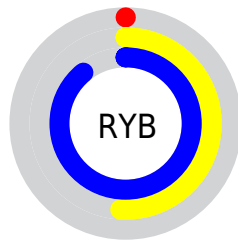
The Android color **4278248104** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **4293001274**, and the grayscale version is **4288190616**.

A 20% lighter version of the original color is **4285333471**, and **4278233460** is the 20% darker color. If you saturate the color by 10%, you get **4278248104**, and if you desaturate by 10%, it is **4279755438**.

# Distribution



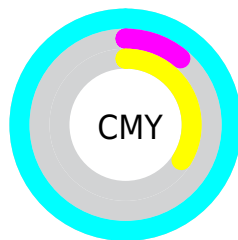
- Red (0%)
- Green (89%)
- Blue (66%)



- Red (0%)
- Yellow (51%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (11%)



- Cyan (100%)
- Magenta (11%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278248104 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 4278248104 by changing the saturation by 10% instead.



 4278248104

 4278248104

4294967295

 4278240654

 4285333471

 4278233460

 4287561724

 4278226523

 4289658879

 4278219587

 4291690495

 4278212909

 4293787647

 4278206488


 4278200576

 4278190592

 4278190080

 4278248104

 4279755438

 4281197236

 4282704569

 4284146367

 4285653701

 4287161035

 4288602833

 4290110166

 4291551964

# Harmonies

## Analogous

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



4287355763



4278248104



4278248675

# Triad

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



4278248104



4288267263



4294944120

# Complementary

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



4278248104



4293001274

# 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.



4294940332



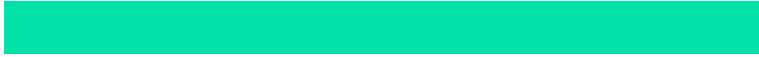
4278248104



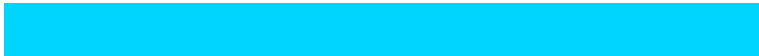
4293963007

# Square

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



4278248104



4278244863



4294941414



4294949462

# Rectangle

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



4278248104



4278248191



4294941414



4294942600

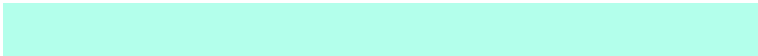


# Sweetspot

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



4278248104



4289986539



4282180096



4283596916



4278190080



4286611584



# Same Dimension

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



4278248104



4278255550



4278234594



4284837997



4278235267



4278202404



# Inverse Universe

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



4293001274



4294901825



4293014784



4285556072



4289724461

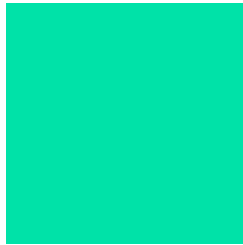


4281335820



# Previews

## White Background



This preview shows how the Android color 4278248104 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 4278248104 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

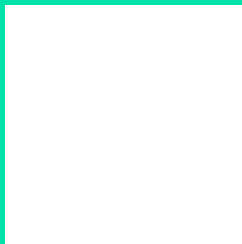
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278248104 Background



This preview shows how black text looks on a background with the Android color 4278248104.

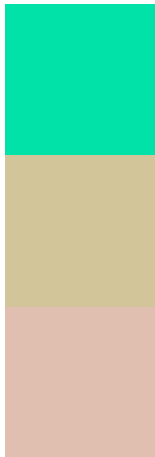


This preview shows how white text looks on a background with the Android color 4278248104.

# 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**  
4278248104

**Protanopia**  
4292003226

**Deuteranopia**  
4292918960



# Trichromacy



**Original Color**

4278248104



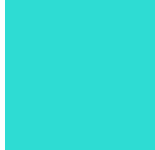
**Protanomaly**

4287025311



**Deuteranomaly**

4287613869



**Tritanomaly**

4281261267

# Monochromacy



**Original Color**

4278248104



**Achromatopsia**

4288190616



**Achromatomaly**

4284593054

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278248104 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, 226, 168)` looks like.

```
.text, #text, p{  
    color:rgb(0, 226, 168)  
}
```

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, 226, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 226, 168) }
```

## Border

The CSS property to change the border of an element to Android 4278248104 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, 226, 168) }
```

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

```
.border{ border-color:rgb(0, 226, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 226, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 226, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 226, 168);  
box-shadow:4px 4px 4px 4px rgb(0, 226,  
168) }
```

# Background

The CSS property to change the background color of an element to Android 4278248104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 226, 168) }
```

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

```
.background{ background-color: rgb(0, 226,  
168) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor