

Converting Colors

Android(4278248121)

Have a look what the booklet for
Android(4278248121) contains.

Android(4278248121)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278248121)

Conversions

Conversions Part 1

Format	Color
Hex	00E2B9
RGB	0, 226, 185
RGB Percent	0%, 89%, 73%
CMY	1.0000, 0.1137, 0.2745
CMYK	1.00, 0.00, 0.18, 0.11
HSL	169°, 100%, 44%
HSV	169°, 100%, 89%
XYZ	35.9533, 57.8955, 55.1790
YIQ	153.7520, -121.5350, -60.6630

Conversions

Conversions Part 2

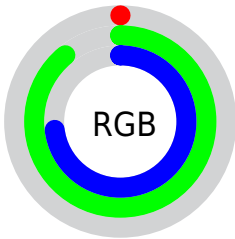
Format	Color
RYB	0, 124, 226
Decimal	58041
CIELab	80.68, -55.12, 7.24
CIELCh	81, 55.593, 172.520
Yxy	57.8955, 0.2413, 0.3885
Android (android.graphics.Color)	4278248121 (0xFF00E2B9)
YUV	153.7520, 15.4053, -134.8405
Hunter-Lab	76.0891, -48.8118, 10.2659

Details

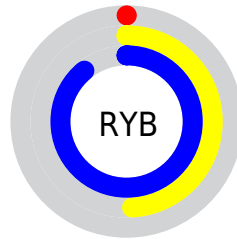
The Android color **4278248121** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **4293001257**, and the grayscale version is **4288322202**.

A 20% lighter version of the original color is **4285399025**, and **4278233476** is the 20% darker color. If you saturate the color by 10%, you get **4278248121**, and if you desaturate by 10%, it is **4279755453**.

Distribution



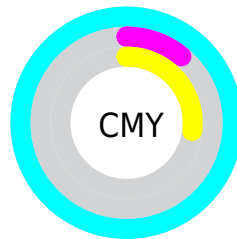
- Red (0%)
- Green (89%)
- Blue (73%)



- Red (0%)
- Yellow (49%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (11%)



- Cyan (100%)
- Magenta (11%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278248121 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 4278248121 by changing the saturation by 10% instead.



4278248121



4278248121

4294967295



4278240670



4285399025



4278233476



4287627263



4278226539



4289724415



4278219859



4291821567



4278213180



4293853183



4278206758



4278200849




4278191360



4278190080

 4278248121

 4279755453

 4281197249

 4282704581


 4284146377

 4285653710

 4287161042

 4288602838

 4290110170

 4291551966

Harmonies

Analogous

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



4286831751



4278248121



4278248174

Triad

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



4278248121



4290298111



4294946423

Complementary

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



4278248121



4293001257

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.



4294942627



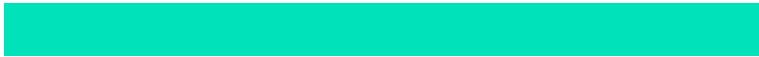
4278248121



4294749439

Square

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



4278248121



4282831615



4294942424



4294164831

Rectangle

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



4278248121



4278247679



4294942424



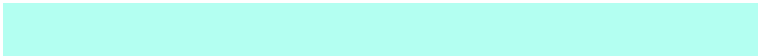
4294944900

Sweetspot

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



4278248121



4289986545



4280934912



4283596919



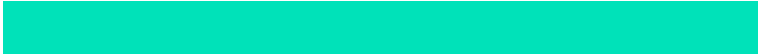
4278190080



4286611584

Same Dimension

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



4278248121



4278255569



4278229730



4284837998



4278235280



4278202408

Inverse Universe

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



4293001257



4294901806



4293019648



4285556071



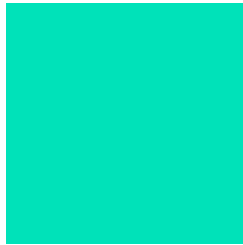
4289724448



4281335817

Previews

White Background



This preview shows how the Android color 4278248121 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 4278248121 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

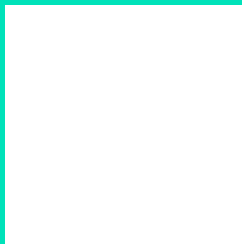
Any Text WCAG AAA ✓ Pass

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

Android 4278248121 Background



This preview shows how black text looks on a background with the Android color 4278248121.

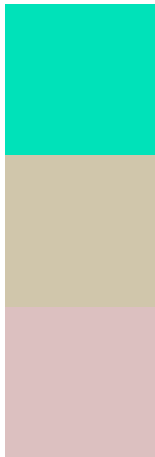


This preview shows how white text looks on a background with the Android color 4278248121.

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
4278248121

Protanopia
4291872427

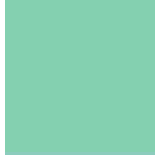
Deuteranopia
4292657344

Trichromacy



Original Color

4278248121



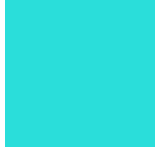
Protanomaly

4286894256



Deuteranomaly

4287417533



Tritanomaly

4280999642

Monochromacy



Original Color

4278248121



Achromatopsia

4288322202



Achromatomaly

4284658853

CSS Examples

Text

The CSS property to change the color of the text to Android 4278248121 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(0, 226, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 226, 185) }
```

Border

The CSS property to change the border of an element to Android 4278248121 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, 185) }
```

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

```
.border{ border-color:rgb(0, 226, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 226, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 226, 185);  
box-shadow:4px 4px 4px 4px rgb(0, 226,  
185) }
```

Background

The CSS property to change the background color of an element to Android 4278248121 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, 185) }
```

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

```
.background{ background-color: rgb(0, 226,  
185) }
```

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