

# Converting Colors

Android(4278242449)

Have a look what the booklet for  
Android(4278242449) contains.

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**Color**

**Android(4278242449)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00CC91
RGB	0, 204, 145
RGB Percent	0%, 80%, 57%
CMY	1.0000, 0.2000, 0.4314
CMYK	1.00, 0.00, 0.29, 0.20
HSL	163°, 100%, 40%
HSV	163°, 100%, 80%
XYZ	26.7037, 45.2301, 34.1109
YIQ	136.2780, -102.6450, -61.5970

# Conversions

## Conversions Part 2

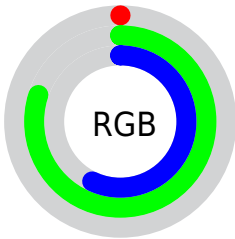
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 119, 204
Decimal	52369
CIELab	73.04, -56.33, 17.69
CIELCh	73, 59.042, 162.566
Yxy	45.2301, 0.2518, 0.4265
Android (android.graphics.Color)	4278242449 (0xFF00CC91)
YUV	136.2780, 4.2999, -119.5158
Hunter-Lab	67.2533, -46.8178, 17.0054

# Details

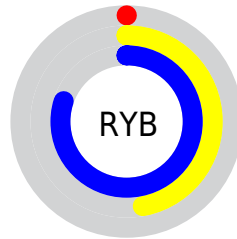
The Android color `4278242449` is a dark color, and the websafe version is hex `00CC99`. The color can be described as dark washed spring green. A complement of this color would be `4291559483`, and the grayscale version is `4287137928`.

A 20% lighter version of the original color is `4284940231`, and `4278228062` is the 20% darker color. If you saturate the color by 10%, you get `4278242449`, and if you desaturate by 10%, it is `4279553175`.

# Distribution



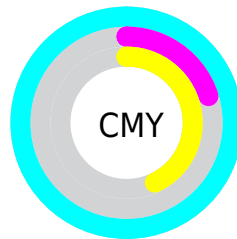
- Red (0%)
- Green (80%)
- Blue (57%)



- Red (0%)
- Yellow (47%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (29%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278242449 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 4278242449 by changing the saturation by 10% instead.



 4278242449

 4278242449

4294967295

 4278235255

 4284940231


 4278228062

 4287037411

 4278221382

 4289134591

 4278214704

 4291100671

 4278208026

 4293132287

 4278202369

 4278194944

 4278190080

 4278242449

 4279553175

 4280929437

 4282240163

 4283616425

 4284927151

 4286237876

 4287614138

 4288924864

 4290301126

# Harmonies

## Analogous

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



4286629216



4278242449



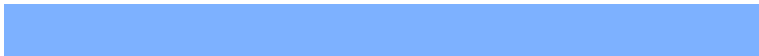
4278243017

# Triad

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



4278242449



4286427647



4294938989

# Complementary

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



4278242449



4291559483

# 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.



4294935711



4278242449



4292123903

# Square

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



4278242449



4278239999



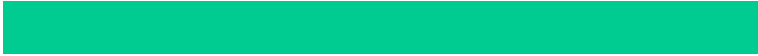
4294937045



4293698889

# Rectangle

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



4278242449



4278242796



4294937045

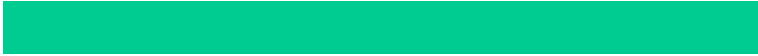


4294937468

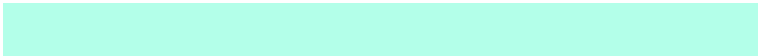


# Sweetspot

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



4278242449



4289986537



4282240000



4283596914



4278190080



4286611584



# Same Dimension

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



4278242449



4278255541



4278232012



4284245603



4278232694



4278199835



# Inverse Universe

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



4291559483



4294901834



4291569920



4284898399



4289069104

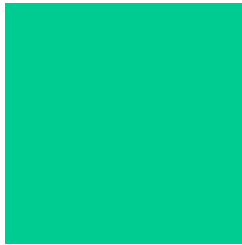


4280680459



# Previews

## White Background



This preview shows how the Android color 4278242449 looks on a white background.

## Color Contrast Check

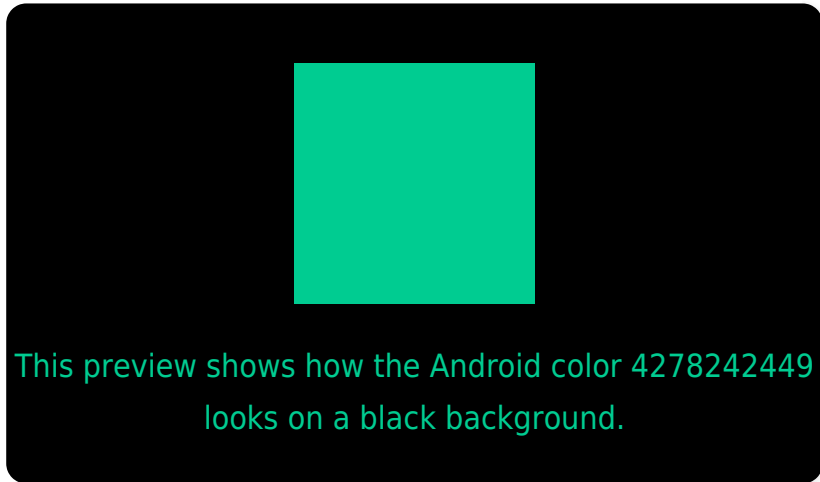
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 4278242449 Background



This preview shows how black text looks on a background with the Android color 4278242449.



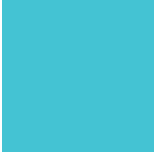
This preview shows how white text looks on a background with the Android color 4278242449.

# 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





# Trichromacy



**Original Color**

4278242449



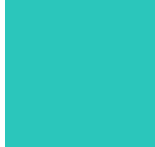
**Protanomaly**

4286233481



**Deuteranomaly**

4286756757



**Tritanomaly**

4281059003

# Monochromacy



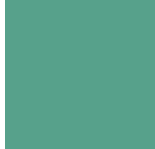
**Original Color**

4278242449



**Achromatopsia**

4287137928



**Achromatomaly**

4283933067

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278242449 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, 204, 145)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 145)  
}
```

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, 204, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 145) }
```

## Border

The CSS property to change the border of an element to Android 4278242449 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, 204, 145) }
```

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

```
.border{ border-color:rgb(0, 204, 145) }
```

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

Here you see how a box with a 4 pixel rgb(0, 204, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 145);  
box-shadow:4px 4px 4px 4px rgb(0, 204,  
145) }
```

# Background

The CSS property to change the background color of an element to Android 4278242449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 204, 145) }
```

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

```
.background{ background-color: rgb(0, 204,  
145) }
```

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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