

# Converting Colors

Android(4278249892)

Have a look what the booklet for  
Android(4278249892) contains.

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# **Color**

**Android(4278249892)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00E9A4
RGB	0, 233, 164
RGB Percent	0%, 91%, 64%
CMY	1.0000, 0.0863, 0.3569
CMYK	1.00, 0.00, 0.30, 0.09
HSL	162°, 100%, 46%
HSV	162°, 100%, 91%
XYZ	35.8398, 60.9582, 44.9991
YIQ	155.4670, -116.7190, -70.8550

# Conversions

## Conversions Part 2

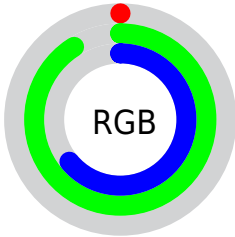
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 137, 233
Decimal	59812
CIELab	82.36, -62.72, 20.61
CIELCh	82, 66.021, 161.814
Yxy	60.9582, 0.2528, 0.4299
Android (android.graphics.Color)	4278249892 (0xFF00E9A4)
YUV	155.4670, 4.2068, -136.3446
Hunter-Lab	78.0757, -54.6941, 20.4811

# Details

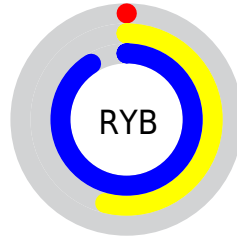
The Android color **4278249892** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle washed spring green. A complement of this color would be **4293460037**, and the grayscale version is **4288453788**.

A 20% lighter version of the original color is **4285464539**, and **4278235248** is the 20% darker color. If you saturate the color by 10%, you get **4278249892**, and if you desaturate by 10%, it is **4279757227**.

# Distribution



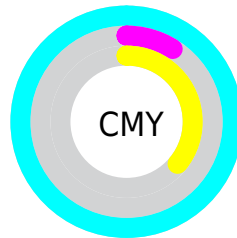
- Red (0%)
- Green (91%)
- Blue (64%)



- Red (0%)
- Yellow (54%)
- Blue (91%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (9%)



- Cyan (100%)
- Magenta (9%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278249892 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 4278249892 by changing the saturation by 10% instead.



 4278249892

 4278249892

4294967295

 4278242442

 4285464539

 4278235248

 4287692792

 4278228055

 4289789951

 4278221120

 4291887103

 4278214441

 4293918719

 4278208019

 4278201856

 4278193920

 4278190080

 4278249892

 4279757227

 4281330098

 4282837433

 4284344768

 4285917639

 4287424973

 4288932308

 4290439643

 4292012514

# Harmonies

## Analogous

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



4287947116



4278249892



4278250724

# Triad

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



4278249892



4287286271



4294944125

# Complementary

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



4278249892



4293460037

# 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.



4294940343



4278249892



4294030079

# Square

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



4278249892



4278247167



4294941941



4294949972

# Rectangle

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



4278249892



4278250239



4294941941



4294942351

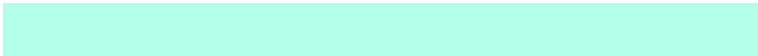


# Sweetspot

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



4278249892



4289986536



4282837248



4283596914



4278190080



4286611584



# Same Dimension

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



4278249892



4278255539



4278237929



4285166962



4278236543



4278203942



# Inverse Universe

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



4293460037



4294901836



4293472000



4285885037



4290052150

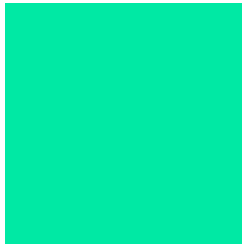


4281729040



# Previews

## White Background



This preview shows how the Android color 4278249892 looks on a white background.

## Color Contrast Check

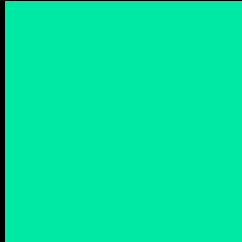
Large Text (above 18pt) WCAG AA × Fail

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 4278249892 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

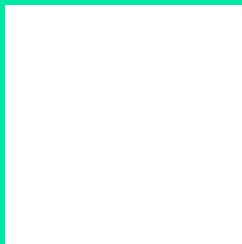
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278249892 Background



This preview shows how black text looks on a background with the Android color 4278249892.

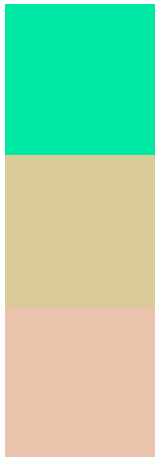


This preview shows how white text looks on a background with the Android color 4278249892.

# 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**  
4278249892

**Protanopia**  
4292529046

**Deuteranopia**  
4293575596



# Trichromacy



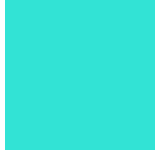
**Original Color**  
4278249892



**Protanomaly**  
4287354523



**Deuteranomaly**  
4288008617



**Tritanomaly**  
4281525205

# Monochromacy



**Original Color**  
4278249892



**Achromatopsia**  
4288387995



**Achromatomaly**  
4284725150

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278249892 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, 233, 164)` looks like.

```
.text, #text, p{  
    color:rgb(0, 233, 164)  
}
```

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, 233, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 233, 164) }
```

## Border

The CSS property to change the border of an element to Android 4278249892 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, 233, 164) }
```

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

```
.border{ border-color:rgb(0, 233, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 233, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 233, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 233, 164);  
box-shadow:4px 4px 4px 4px rgb(0, 233,  
164) }
```

# Background

The CSS property to change the background color of an element to Android 4278249892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 233, 164) }
```

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

```
.background{ background-color: rgb(0, 233,  
164) }
```

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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