

# Converting Colors

Android(4278249134)

Have a look what the booklet for  
Android(4278249134) contains.

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# **Color**

**Android(4278249134)**

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 00E6AE                        |
| RGB         | 0, 230, 174                   |
| RGB Percent | 0%, 90%, 68%                  |
| CMY         | 1.0000, 0.0980, 0.3176        |
| CMYK        | 1.00, 0.00, 0.24, 0.10        |
| HSL         | 165°, 100%, 45%               |
| HSV         | 165°, 100%, 90%               |
| XYZ         | 35.9368, 59.6496, 49.6639     |
| YIQ         | 154.8460, -119.1040, -66.1760 |

# Conversions

## Conversions Part 2

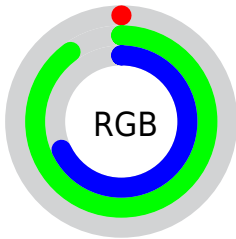
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 0, 131, 230                    |
| Decimal                             | 59054                          |
| CIELab                              | 81.65, -59.34, 14.40           |
| CIELCh                              | 82, 61.065, 166.357            |
| Yxy                                 | 59.6496, 0.2474,<br>0.4107     |
| Android<br>(android.graphics.Color) | 4278249134<br>(0xFF00E6AE)     |
| YUV                                 | 154.8460, 9.4429,<br>-135.7999 |
| Hunter-Lab                          | 77.2332, -52.1015,<br>15.9375  |

# Details

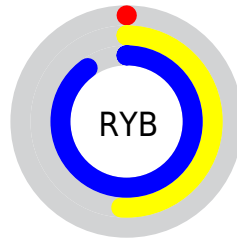
The Android color **4278249134** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **4293263416**, and the grayscale version is **4288387995**.

A 20% lighter version of the original color is **4285399014**, and **4278234490** is the 20% darker color. If you saturate the color by 10%, you get **4278249134**, and if you desaturate by 10%, it is **4279756468**.

# Distribution



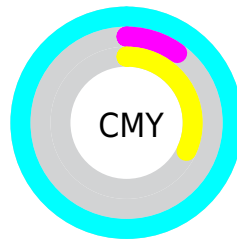
- Red (0%)
- Green (90%)
- Blue (68%)



- Red (0%)
- Yellow (51%)
- Blue (90%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (10%)



- Cyan (100%)
- Magenta (10%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278249134 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 4278249134 by changing the saturation by 10% instead.





4278249134



4278249134

4294967295



4278241683



4285399014



4278234490



4287627263



4278227553



4289724415



4278220617



4291821567



4278213938



4293918719



4278207261



4278201349



4278192896



4278190080

 4278249134

 4279756468

 4281263801

 4282771135

 4284278468

 4285785802

 4287293136

 4288800469

 4290307803

 4291815136

# Harmonies

## Analogous

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



4287422329



4278249134



4278249705

# Triad

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



4278249134



4288857855



4294945146

# Complementary

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



4278249134



4293263416

# 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.



4294941614



4278249134



4294422527

# Square

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



4278249134



4278245887



4294942184



4294950745

# Rectangle

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



4278249134



4278249215



4294942184



4294943626

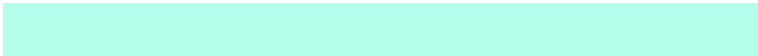


# Sweetspot

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



4278249134



4289986540



4282050048



4283596916



4278190080



4286611584



# Same Dimension

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



4278249134



4278255553



4278234598



4284969840



4278236039



4278203175



# Inverse Universe

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



4293263416



4294901822



4293278208



4285753194



4289921067

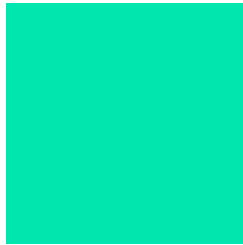


4281532428



# Previews

## White Background



This preview shows how the Android color 4278249134 looks on a white background.

## Color Contrast Check

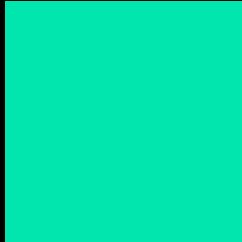
Large Text (above 18pt) WCAG AA × Fail

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 4278249134 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

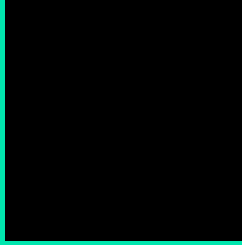
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4278249134 Background



This preview shows how black text looks on a background with the Android color 4278249134.



This preview shows how white text looks on a background with the Android color 4278249134.

# 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



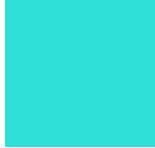
**Original Color**  
4278249134



**Protanomaly**  
4287157413



**Deuteranomaly**  
4287745971



**Tritanomaly**  
4281262295

# Monochromacy



**Original Color**  
4278249134



**Achromatopsia**  
4288387995



**Achromatomaly**  
4284724898

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278249134 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, 230, 174)` looks like.

```
.text, #text, p{  
    color:rgb(0, 230, 174)  
}
```

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, 230, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 230, 174) }
```

## Border

The CSS property to change the border of an element to Android 4278249134 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, 230, 174) }
```

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

```
.border{ border-color:rgb(0, 230, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 230, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 230, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 230, 174);  
box-shadow:4px 4px 4px 4px rgb(0, 230,  
174) }
```

# Background

The CSS property to change the background color of an element to Android 4278249134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 230, 174) }
```

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

```
.background{ background-color: rgb(0, 230,  
174) }
```

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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