

# Converting Colors

Android(4278249854)

Have a look what the booklet for  
Android(4278249854) contains.

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# **Color**

**Android(4278249854)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00E97E
RGB	0, 233, 126
RGB Percent	0%, 91%, 49%
CMY	1.0000, 0.0863, 0.5059
CMYK	1.00, 0.00, 0.46, 0.09
HSL	152°, 100%, 46%
HSV	152°, 100%, 91%
XYZ	32.9048, 59.7842, 29.5439
YIQ	151.1350, -104.5210, -82.6730

# Conversions

## Conversions Part 2

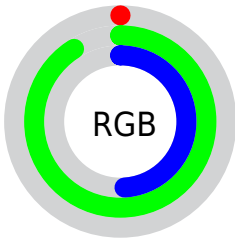
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 151, 233
Decimal	59774
CIELab	81.72, -70.13, 39.01
CIELCh	82, 80.244, 150.917
Yxy	59.7842, 0.2692, 0.4891
Android (android.graphics.Color)	4278249854 (0xFF00E97E)
YUV	151.1350, -12.3916, -132.5454
Hunter-Lab	77.3202, -59.3470, 31.4696

# Details

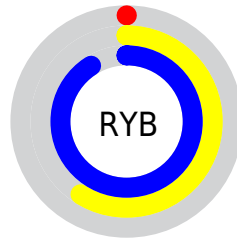
The Android color **4278249854** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **4293460075**, and the grayscale version is **4288124823**.

A 20% lighter version of the original color is **4285464500**, and **4278235211** is the 20% darker color. If you saturate the color by 10%, you get **4278249854**, and if you desaturate by 10%, it is **4279757193**.

# Distribution



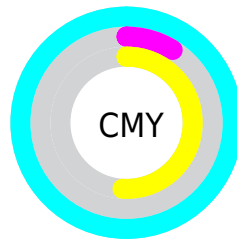
- Red (0%)
- Green (91%)
- Blue (49%)



- Red (0%)
- Yellow (59%)
- Blue (91%)



- Cyan (100%)
- Magenta (0%)
- Yellow (46%)
- Black (9%)



- Cyan (100%)
- Magenta (9%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278249854 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 4278249854 by changing the saturation by 10% instead.





4278249854



4278249854

4294967295



4278242404



4285464500



4278235211



4287627216



4278228018



4289789933



4278221080



4291821567



4278214144



4293918719



4278207744



4278201344



4278193152



4278190080

 4278249854

 4279757193

 4281330067

 4282837406

 4284344745

 4285917619

 4287424958

 4288932297

 4290439636

 4292012510

# Harmonies

## Analogous

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



4288929083



4278249854



4278251211

# Triad

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



4278249854



4278244351



4294937986

# Complementary

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



4278249854



4293460075

# 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.



4294934988



4278249854



4291671807

# Square

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



4278249854



4278248959



4294939903



4294945603

# Rectangle

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



4278249854



4278251263



4294939903



4294936218

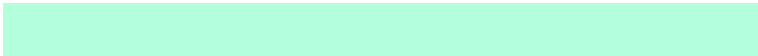


# Sweetspot

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



4278249854



4289986524



4285393152



4283596906



4278190080



4286611584



# Same Dimension

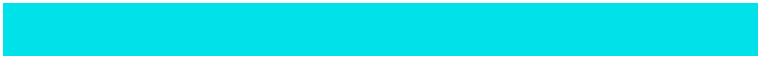
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4278249854



4278255498



4278247913



4285166960



4278236514



4278203933



# Inverse Universe

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



4293460075



4294901877



4293462016



4285885039



4290052179

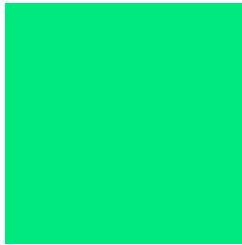


4281729049



# Previews

## White Background



This preview shows how the Android color 4278249854 looks on a white background.

## Color Contrast Check

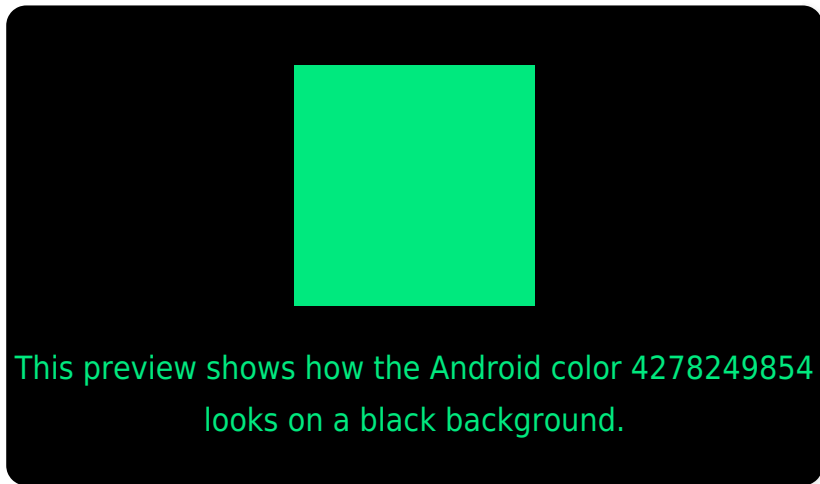
Large Text (above 18pt) WCAG AA × Fail

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 4278249854 Background



This preview shows how black text looks on a background with the Android color 4278249854.

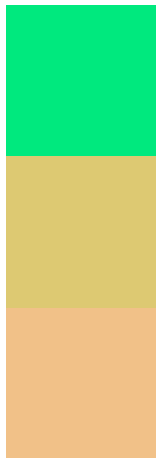


This preview shows how white text looks on a background with the Android color 4278249854.

# 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**  
4278249854

**Protanopia**  
4292725106

**Deuteranopia**  
4294033800



# Trichromacy



**Original Color**

4278249854



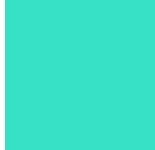
**Protanomaly**

4287485302



**Deuteranomaly**

4288270468



**Tritanomaly**

4281852357

# Monochromacy



**Original Color**

4278249854



**Achromatopsia**

4288124823



**Achromatomaly**

4284528014

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278249854 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, 126)` looks like.

```
.text, #text, p{  
    color:rgb(0, 233, 126)  
}
```

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, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 233, 126) }
```

## Border

The CSS property to change the border of an element to Android 4278249854 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, 126) }
```

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

```
.border{ border-color:rgb(0, 233, 126) }
```

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, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 233, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 233, 126);  
box-shadow:4px 4px 4px 4px rgb(0, 233,  
126) }
```

# Background

The CSS property to change the background color of an element to Android 4278249854 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, 126) }
```

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

```
.background{ background-color: rgb(0, 233,  
126) }
```

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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