

# Converting Colors

Android(4278249079)

Have a look what the booklet for  
Android(4278249079) contains.

<b>Android(4278249079)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Android(4278249079)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00E677
RGB	0, 230, 119
RGB Percent	0%, 90%, 47%
CMY	1.0000, 0.0980, 0.5333
CMYK	1.00, 0.00, 0.48, 0.10
HSL	151°, 100%, 45%
HSV	151°, 100%, 90%
XYZ	31.6266, 57.9255, 26.9666
YIQ	148.5760, -101.4490, -83.2810

# Conversions

## Conversions Part 2

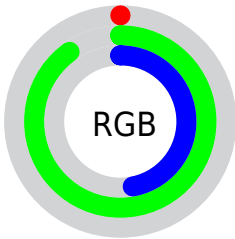
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 152, 230
Decimal	58999
CIELab	80.70, -70.32, 41.12
CIELCh	81, 81.462, 149.683
Yxy	57.9255, 0.2714, 0.4971
Android (android.graphics.Color)	4278249079 (0xFF00E677)
YUV	148.5760, -14.5810, -130.3012
Hunter-Lab	76.1088, -59.0158, 32.2688

# Details

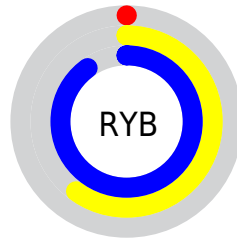
The Android color **4278249079** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **4293263471**, and the grayscale version is **4287993237**.

A 20% lighter version of the original color is **4285398957**, and **4278234436** is the 20% darker color. If you saturate the color by 10%, you get **4278249079**, and if you desaturate by 10%, it is **4279756418**.

# Distribution



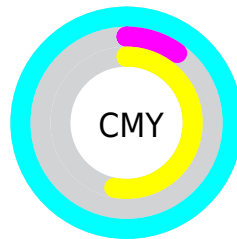
- Red (0%)
- Green (90%)
- Blue (47%)



- Red (0%)
- Yellow (60%)
- Blue (90%)



- Cyan (100%)
- Magenta (0%)
- Yellow (48%)
- Black (10%)



- Cyan (100%)
- Magenta (10%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278249079 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 4278249079 by changing the saturation by 10% instead.





4278249079



4278249079

4294967295



4278241629



4285398957



4278234436



4287627209



4278227242



4289724389



4278220302



4291756031



4278213632



4293853183



4278206976



4278200832



4278191360



4278190080

 4278249079

 4279756418

 4281263757

 4282771096

 4284278435

 4285785775

 4287293114

 4288800453

 4290307792

 4291815131

# Harmonies

## Analogous

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



4288928306



4278249079



4278250437

# Triad

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



4278249079



4278244095



4294936449

# Complementary

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



4278249079



4293263471

# 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.



4294933708



4278249079



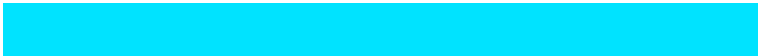
4291081471

# Square

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



4278249079



4278248447



4294939391



4294944576

# Rectangle

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



4278249079



4278250745



4294939391



4294934682

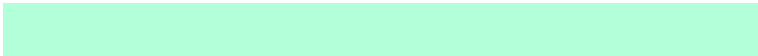


# Sweetspot

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



4278249079



4289986522



4285523456



4283596905



4278190080



4286611584



# Same Dimension

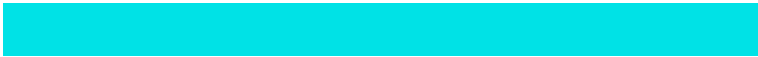
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4278249079



4278255492



4278248166



4284969837



4278235996



4278203162



# Inverse Universe

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



4293263471



4294901883



4293264384



4285753197



4289921110

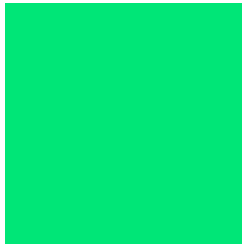


4281532441



# Previews

## White Background



This preview shows how the Android color 4278249079 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 4278249079 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 4278249079 Background



This preview shows how black text looks on a background with the Android color 4278249079.



This preview shows how white text looks on a background with the Android color 4278249079.

# 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**  
4278249079

**Protanopia**  
4292527980

**Deuteranopia**  
4293901953



# Trichromacy



**Original Color**

4278249079



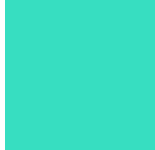
**Protanomaly**

4287353456



**Deuteranomaly**

4288204157



**Tritanomaly**

4281851585

# Monochromacy



**Original Color**

4278249079



**Achromatopsia**

4287993237



**Achromatomaly**

4284461706

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278249079 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, 119)` looks like.

```
.text, #text, p{  
    color:rgb(0, 230, 119)  
}
```

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, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 230, 119) }
```

## Border

The CSS property to change the border of an element to Android 4278249079 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, 119) }
```

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

```
.border{ border-color:rgb(0, 230, 119) }
```

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, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 230, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 230, 119);  
box-shadow:4px 4px 4px 4px rgb(0, 230,  
119) }
```

# Background

The CSS property to change the background color of an element to Android 4278249079 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, 119) }
```

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

```
.background{ background-color: rgb(0, 230,  
119) }
```

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