

# Converting Colors

Android(4278251679)

Have a look what the booklet for  
Android(4278251679) contains.

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# **Color**

**Android(4278251679)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00F09F
RGB	0, 240, 159
RGB Percent	0%, 94%, 62%
CMY	1.0000, 0.0588, 0.3765
CMYK	1.00, 0.00, 0.34, 0.06
HSL	160°, 100%, 47%
HSV	160°, 100%, 94%
XYZ	37.4181, 64.8234, 43.3409
YIQ	159.0060, -117.0390, -76.0710

# Conversions

## Conversions Part 2

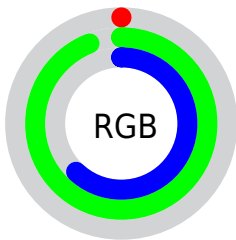
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 144, 240
Decimal	61599
CIELab	84.39, -66.27, 25.97
CIELCh	84, 71.181, 158.602
Yxy	64.8234, 0.2570, 0.4453
Android (android.graphics.Color)	4278251679 (0xFF00F09F)
YUV	159.0060, -0.0030, -139.4483
Hunter-Lab	80.5130, -57.9405, 24.4427

# Details

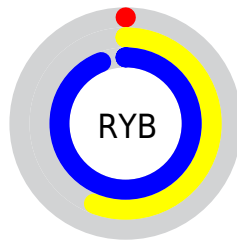
The Android color **4278251679** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle saturated spring green. A complement of this color would be **4293918801**, and the grayscale version is **4288651167**.

A 20% lighter version of the original color is **4285530070**, and **4278236779** is the 20% darker color. If you saturate the color by 10%, you get **4278251679**, and if you desaturate by 10%, it is **4279824551**.

# Distribution



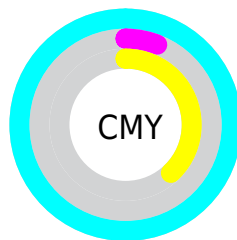
- Red (0%)
- Green (94%)
- Blue (62%)



- Red (0%)
- Yellow (56%)
- Blue (94%)



- Cyan (100%)
- Magenta (0%)
- Yellow (34%)
- Black (6%)



- Cyan (100%)
- Magenta (6%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278251679 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 4278251679 by changing the saturation by 10% instead.



 4278251679

 4278251679

4294967295

 4278244229

 4285530070

 4278236779

 4287823859

 4278229842

 4289921023


 4278222650

 4292018175

 4278215972

 4294115327

 4278209293

 4278203392

 4278196224

 4278190080

 4278251679

 4279824551

 4281397423

 4282970295

 4284543167

 4286116039

 4287688912

 4289261784

 4290834656

 4292407528

# Harmonies

## Analogous

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



4288538211



4278251679



4278252773

# Triad

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



4278251679



4285781247



4294943874

# Complementary

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



4278251679



4293918801

# 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.



4294940098



4278251679



4293966335

# Square

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



4278251679



4278249471



4294942719



4294950226

# Rectangle

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



4278251679



4278252543



4294942719



4294942102

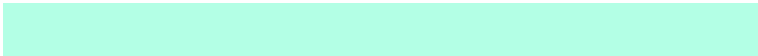


# Sweetspot

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



4278251679



4289986533



4283756544



4283596912



4278190080



4286611584



# Same Dimension

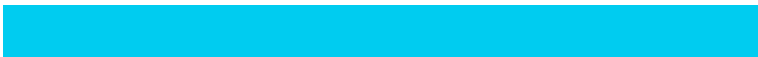
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4278251679



4278255529



4278242544



4285298804



4278237306



4278204453



# Inverse Universe

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



4293918801



4294901846



4293927936



4286082160



4290248766



4281860115



# Previews

## White Background



This preview shows how the Android color 4278251679 looks on a white background.

## Color Contrast Check

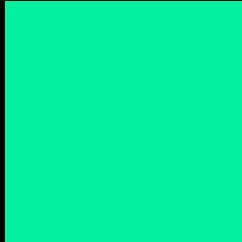
Large Text (above 18pt) WCAG AA × Fail

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 4278251679 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 4278251679 Background



This preview shows how black text looks on a background with the Android color 4278251679.



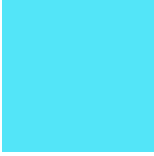
This preview shows how white text looks on a background with the Android color 4278251679.

# 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





**Tritanopia**  
4283688440

# Trichromacy



**Original Color**

4278251679



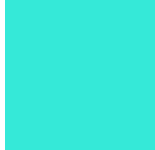
**Protanomaly**

4287618198



**Deuteranomaly**

4288403365



**Tritanomaly**

4281723352

# Monochromacy



**Original Color**

4278251679



**Achromatopsia**

4288651167



**Achromatomaly**

4284857503

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278251679 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, 240, 159)` looks like.

```
.text, #text, p{  
    color:rgb(0, 240, 159)  
}
```

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, 240, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 240, 159) }
```

## Border

The CSS property to change the border of an element to Android 4278251679 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, 240, 159) }
```

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

```
.border{ border-color:rgb(0, 240, 159) }
```

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

Here you see how a box with a 4 pixel rgb(0, 240, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 240, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 240, 159);  
box-shadow:4px 4px 4px 4px rgb(0, 240,  
159) }
```

# Background

The CSS property to change the background color of an element to Android 4278251679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 240, 159) }
```

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

```
.background{ background-color: rgb(0, 240,  
159) }
```

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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