

# Converting Colors

Android(4278248857)

Have a look what the booklet for  
Android(4278248857) contains.

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**Color**

**Android(4278248857)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00E599
RGB	0, 229, 153
RGB Percent	0%, 90%, 60%
CMY	1.0000, 0.1020, 0.4000
CMYK	1.00, 0.00, 0.33, 0.10
HSL	160°, 100%, 45%
HSV	160°, 100%, 90%
XYZ	33.7691, 58.3385, 39.6176
YIQ	151.8650, -112.0880, -72.1840

# Conversions

## Conversions Part 2

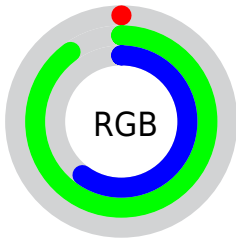
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 137, 229
Decimal	58777
CIELab	80.93, -63.66, 24.33
CIELCh	81, 68.149, 159.080
Yxy	58.3385, 0.2564, 0.4429
Android (android.graphics.Color)	4278248857 (0xFF00E599)
YUV	151.8650, 0.5596, -133.1856
Hunter-Lab	76.3797, -54.7457, 22.7124

# Details

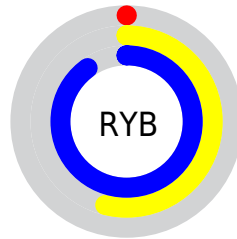
The Android color `4278248857` is a dark color, and the websafe version is hex `33FF99`. The color can be described as dark washed spring green. A complement of this color would be `4293197900`, and the grayscale version is `4288190616`.

A 20% lighter version of the original color is `4285398992`, and `4278234213` is the 20% darker color. If you saturate the color by 10%, you get `4278248857`, and if you desaturate by 10%, it is `4279756193`.

# Distribution



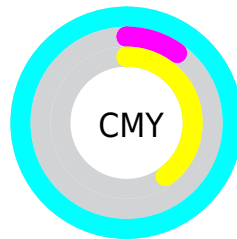
- Red (0%)
- Green (90%)
- Blue (60%)



- Red (0%)
- Yellow (54%)
- Blue (90%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (10%)



- Cyan (100%)
- Magenta (10%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278248857 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 4278248857 by changing the saturation by 10% instead.





4278248857



4278248857

4294967295



4278241407



4285398992



4278234213



4287561708



4278227021



4289658879



4278220342



4291756031



4278213407



4293787647



4278206984



4278200832



4278191616



4278190080

 4278248857

 4279756193

 4281263528

 4282770864


 4284278199

 4285785535

 4287227335

 4288734670

 4290242006

 4291749341

# Harmonies

## Analogous

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



4288011360



4278248857



4278249691

# Triad

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



4278248857



4285712895



4294942076

# Complementary

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



4278248857



4293197900

# 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.



4294938552



4278248857



4293308671

# Square

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



4278248857



4278246655



4294940920



4294948174

# Rectangle

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



4278248857



4278249471



4294940920



4294940303

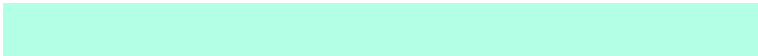


# Sweetspot

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



4278248857



4289986534



4283229440



4283596912



4278190080



4286611584



# Same Dimension

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



4278248857



4278255530



4278239205



4284969839



4278236023



4278203170



# Inverse Universe

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



4293197900



4294901845



4293207552



4285753195



4289921083



4281532433



# Previews

## White Background



This preview shows how the Android color 4278248857 looks on a white background.

## Color Contrast Check

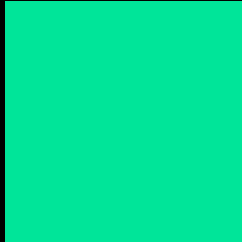
Large Text (above 18pt) WCAG AA × Fail

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 4278248857 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 4278248857 Background



This preview shows how black text looks on a background with the Android color 4278248857.

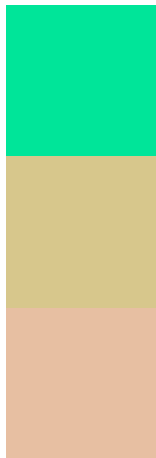


This preview shows how white text looks on a background with the Android color 4278248857.

# 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**  
4278248857

**Protanopia**  
4292331404

**Deuteranopia**  
4293377954



# Trichromacy



**Original Color**

4278248857



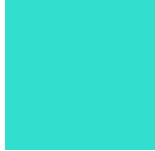
**Protanomaly**

4287222417



**Deuteranomaly**

4287876511



**Tritanomaly**

4281524174

# Monochromacy



**Original Color**

4278248857



**Achromatopsia**

4288190616



**Achromatomaly**

4284593304

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278248857 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, 229, 153)` looks like.

```
.text, #text, p{  
    color:rgb(0, 229, 153)  
}
```

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, 229, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 229, 153) }
```

## Border

The CSS property to change the border of an element to Android 4278248857 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, 229, 153) }
```

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

```
.border{ border-color:rgb(0, 229, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 229, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 229, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 229, 153);  
box-shadow:4px 4px 4px 4px rgb(0, 229,  
153) }
```

# Background

The CSS property to change the background color of an element to Android 4278248857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 229, 153) }
```

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

```
.background{ background-color: rgb(0, 229,  
153) }
```

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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