

# Converting Colors

Android(4278246278)

Have a look what the booklet for  
Android(4278246278) contains.

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**Color**

**Android(4278246278)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00DB86
RGB	0, 219, 134
RGB Percent	0%, 86%, 53%
CMY	1.0000, 0.1412, 0.4745
CMYK	1.00, 0.00, 0.39, 0.14
HSL	157°, 100%, 43%
HSV	157°, 100%, 86%
XYZ	29.6346, 52.3843, 31.1035
YIQ	143.8290, -103.2390, -72.8630

# Conversions

## Conversions Part 2

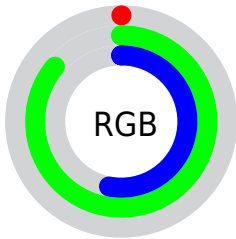
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 136, 219
Decimal	56198
CIELab	77.51, -64.02, 29.51
CIELCh	78, 70.489, 155.254
Yxy	52.3843, 0.2620, 0.4631
Android (android.graphics.Color)	4278246278 (0xFF00DB86)
YUV	143.8290, -4.8457, -126.1380
Hunter-Lab	72.3770, -53.5733, 25.1844

# Details

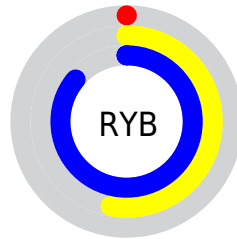
The Android color **4278246278** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **4292542549**, and the grayscale version is **4287664272**.

A 20% lighter version of the original color is **4285202364**, and **4278231635** is the 20% darker color. If you saturate the color by 10%, you get **4278246278**, and if you desaturate by 10%, it is **4279688079**.

# Distribution



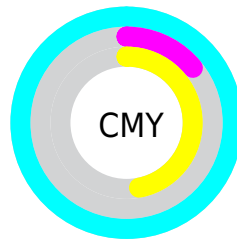
- Red (0%)
- Green (86%)
- Blue (53%)



- Red (0%)
- Yellow (53%)
- Blue (86%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (14%)



- Cyan (100%)
- Magenta (14%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278246278 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 4278246278 by changing the saturation by 10% instead.



 4278246278

 4278246278

4294967295

 4278238828

 4285202364

 4278231635

 4287365080

 4278224699

 4289396724

 4278217764

 4291493887

 4278211340

 4293525503


 4278204928

 4278198528

 4278190080

 4278246278

 4279688079

 4281129879

 4282571680


 4284013480

 4285455281

 4286831545

 4288273346

 4289715146

 4291156947

# Harmonies

## Analogous

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



4287877453



4278246278



4278247369

# Triad

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



4278246278



4282237951



4294938232

# Complementary

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



4278246278



4292542549

# 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.



4294935223



4278246278



4291930623

# Square

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



4278246278



4278244863



4294938360



4294944837

# Rectangle

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



4278246278



4278247413



4294938360



4294936716

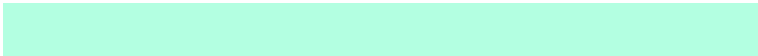


# Sweetspot

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



4278246278



4289986529



4284013312



4283596910



4278190080



4286611584



# Same Dimension

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



4278246278



4278255516



4278240731



4284706409



4278234474



4278201884



# Inverse Universe

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



4292542549



4294901859



4292548096



4285424487



4289527875



4281204754



# Previews

## White Background



This preview shows how the Android color 4278246278 looks on a white background.

## Color Contrast Check

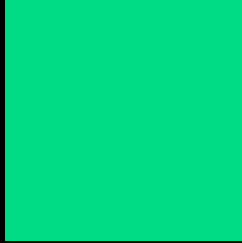
Large Text (above 18pt) WCAG AA × Fail

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 4278246278 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 4278246278 Background



This preview shows how black text looks on a background with the Android color 4278246278.

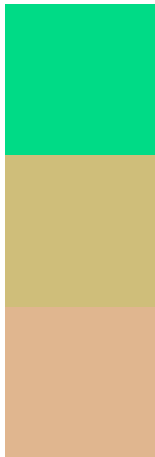


This preview shows how white text looks on a background with the Android color 4278246278.

# 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](#).

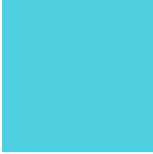
## Dichromacy



**Original Color**  
4278246278

**Protanopia**  
4291804794

**Deuteranopia**  
4292916879



**Tritanopia**  
4283420897

# Trichromacy



**Original Color**

4278246278



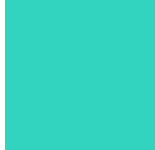
**Protanomaly**

4286892414



**Deuteranomaly**

4287611788



**Tritanomaly**

4281521344

# Monochromacy



**Original Color**

4278246278



**Achromatopsia**

4287664272



**Achromatomaly**

4284263308

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278246278 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, 219, 134)` looks like.

```
.text, #text, p{  
    color:rgb(0, 219, 134)  
}
```

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, 219, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 219, 134) }
```

## Border

The CSS property to change the border of an element to Android 4278246278 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, 219, 134) }
```

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

```
.border{ border-color:rgb(0, 219, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 219, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 219, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 219, 134);  
box-shadow:4px 4px 4px 4px rgb(0, 219,  
134) }
```

# Background

The CSS property to change the background color of an element to Android 4278246278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 219, 134) }
```

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

```
.background{ background-color: rgb(0, 219,  
134) }
```

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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