

# Converting Colors

Android(4278705837)

Have a look what the booklet for  
Android(4278705837) contains.

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# **Color**

**Android(4278705837)**

# Conversions

## Conversions Part 1

Format	Color
Hex	07DEAD
RGB	7, 222, 173
RGB Percent	3%, 87%, 68%
CMY	0.9725, 0.1294, 0.3216
CMYK	0.97, 0.00, 0.22, 0.13
HSL	166°, 94%, 45%
HSV	166°, 97%, 87%
XYZ	33.7517, 55.3049, 48.4312
YIQ	152.1290, -112.4110, -60.8190

# Conversions

## Conversions Part 2

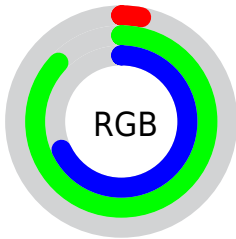
Format	Color
<a href="#">RYB</a>	<a href="#">7, 128, 222</a>
Decimal	<a href="#">515757</a>
CIELab	<a href="#">79.22, -56.35, 11.50</a>
CIELCh	<a href="#">79, 57.507, 168.467</a>
Yxy	<a href="#">55.3049, 0.2455, 0.4023</a>
Android (android.graphics.Color)	<a href="#">4278705837 (0xFF07DEAD)</a>
YUV	<a href="#">152.1290, 10.2894, -127.2781</a>
Hunter-Lab	<a href="#">74.3672, -49.1301, 13.4448</a>

# Details

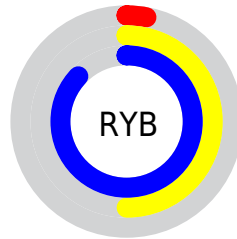
The Android color `4278705837` is a dark color, and the websafe version is hex `00CC99`. The color can be described as dark washed spring green. A complement of this color would be `4292740920`, and the grayscale version is `4288190616`.

A 20% lighter version of the original color is `4285399012`, and `4278232697` is the 20% darker color. If you saturate the color by 10%, you get `4278247083`, and if you desaturate by 10%, it is `4280147634`.

# Distribution



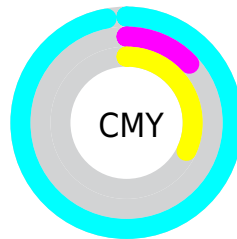
- Red (3%)
- Green (87%)
- Blue (68%)



- Red (3%)
- Yellow (50%)
- Blue (87%)



- Cyan (97%)
- Magenta (0%)
- Yellow (22%)
- Black (13%)



- Cyan (97%)
- Magenta (13%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278705837 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 4278705837 by changing the saturation by 10% instead.





4278705837



4278705837

4294967295



4278239634



4285399012



4278232697



4287561727



4278225504



4289658879



4278218824



4291690495



4278212145



4293787647



4278205724



4278199812



4278190080



4278705837



4278705837

■ 4278247083

■ 4280147634

■ 4281589431

■ 4283096764

■ 4284538561

■ 4285980358

■ 4287422155

■ 4288863952

■ 4290371285

■ 4291813083

# Harmonies

## Analogous

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



4286961786



4278705837



4278247396

# Triad

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



4278705837



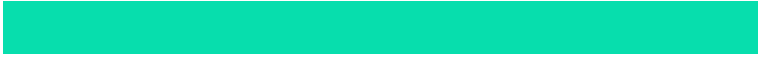
4289117951



4294944374

# Complementary

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



4278705837



4292740920

# 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.



4294940837



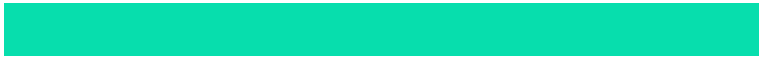
4278705837



4294093311

# Square

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



4278705837



4278243583



4294941147



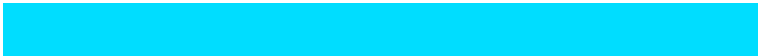
4294294105

# Rectangle

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



4278705837



4278246911



4294941147



4294942852

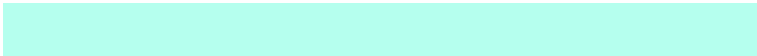


# Sweetspot

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



4278705837



4290117614



4281982471



4283662453



4278190080



4286611584



# Same Dimension

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



4278705837



4278255557



4278691294



4284837998



4278235272



4278202405



# Inverse Universe

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



4292740920



4294901818



4292755463



4285556072



4289724456

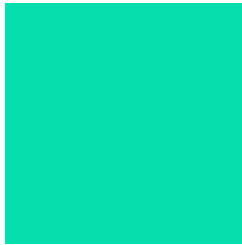


4281335819



# Previews

## White Background



This preview shows how the Android color 4278705837 looks on a white background.

## Color Contrast Check

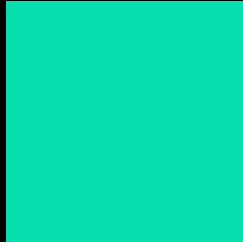
Large Text (above 18pt) WCAG AA × Fail

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 4278705837 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

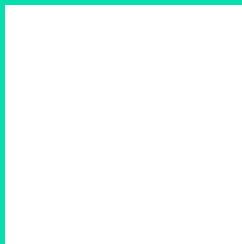
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278705837 Background



This preview shows how black text looks on a background with the Android color 4278705837.



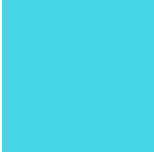
This preview shows how white text looks on a background with the Android color 4278705837.

# 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**  
4282767080

# Trichromacy



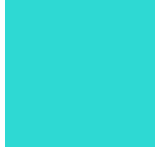
**Original Color**  
4278705837



**Protanomaly**  
4287024292

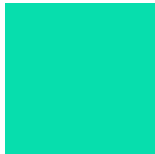


**Deuteranomaly**  
4287482034



**Tritanomaly**  
4281260499

# Monochromacy



**Original Color**  
4278705837



**Achromatopsia**  
4288190616



**Achromatomaly**  
4284723616

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278705837 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(7, 222, 173)` looks like.

```
.text, #text, p{  
    color:rgb(7, 222, 173)  
}
```

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(7, 222, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 222, 173) }
```

## Border

The CSS property to change the border of an element to Android 4278705837 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(7, 222, 173) }
```

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

```
.border{ border-color:rgb(7, 222, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 222, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 222, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 222, 173);  
box-shadow:4px 4px 4px 4px rgb(7, 222,  
173) }
```

# Background

The CSS property to change the background color of an element to Android 4278705837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 222, 173) }
```

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

```
.background{ background-color: rgb(7, 222,  
173) }
```

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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