

# Converting Colors

Android(4280866735)

Have a look what the booklet for  
Android(4280866735) contains.

<b>Android(4280866735)</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(4280866735)**

# Conversions

## Conversions Part 1

Format	Color
Hex	28D7AF
RGB	40, 215, 175
RGB Percent	16%, 84%, 69%
CMY	0.8431, 0.1569, 0.3137
CMYK	0.81, 0.00, 0.19, 0.16
HSL	166°, 69%, 50%
HSV	166°, 81%, 84%
XYZ	32.9134, 52.1471, 48.8881
YIQ	158.1150, -91.4600, -49.5400

# Conversions

## Conversions Part 2

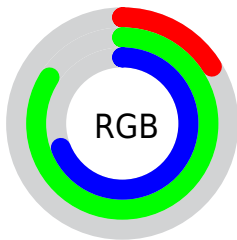
Format	Color
<b>RYB</b>	40, 139, 215
Decimal	2676655
CIELab	77.37, -51.34, 7.83
CIELCh	77, 51.932, 171.325
Yxy	52.1471, 0.2457, 0.3893
Android (android.graphics.Color)	4280866735 (0xFF28D7AF)
YUV	158.1150, 8.3243, -103.5869
Hunter-Lab	72.2130, -45.0156, 10.4098

# Details

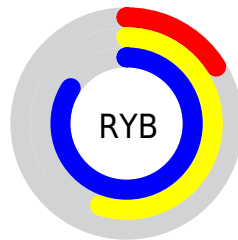
The Android color **4280866735** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **4292290640**, and the grayscale version is **4288585374**.

A 20% lighter version of the original color is **4285923303**, and **4278230907** is the 20% darker color. If you saturate the color by 10%, you get **4279490474**, and if you desaturate by 10%, it is **4282308532**.

# Distribution



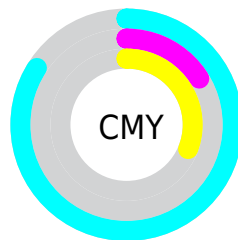
- Red (16%)
- Green (84%)
- Blue (69%)



- Red (16%)
- Yellow (55%)
- Blue (84%)



- Cyan (81%)
- Magenta (0%)
- Yellow (19%)
- Black (16%)



- Cyan (84%)
- Magenta (16%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280866735 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 4280866735 by changing the saturation by 10% instead.





4280866735



4280866735

4294967295



4278238100



4285923303



4278230907



4288020479



4278223970



4290052095



4278217290



4292083711



4278210867



4294115327



4278204446



4278198534



4278190080



4280866735



4280866735

 4279490474

 4282308532

 4278245286

 4283684793

 4285126590

 4286502851

 4287944648

 4289320908

 4290762705

 4292138966

 4293580763

# Harmonies

## Analogous

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



4286763393



4280866735



4278245601

# Triad

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



4280866735



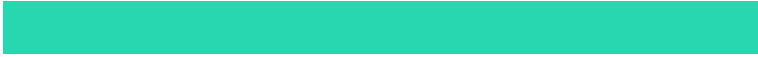
4289575167



4294944374

# Complementary

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



4280866735



4292290640

# 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.



4294941087



4280866735



4293764604

# Square

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



4280866735



4282894591



4294941135



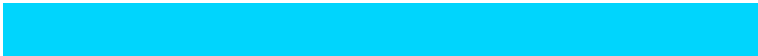
4293441630

# Rectangle

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



4280866735



4278244861



4294941135



4294943106

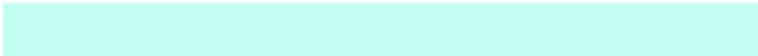


# Sweetspot

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



4280866735



4290969585



4283553576



4284186743



4278190080



4286611584



# Same Dimension

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



4280866735



4278583238



4280854743



4284509033



4278233988



4278201121



# Inverse Universe

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



4292290640



4294903102



4292302632



4285227107



4289396775

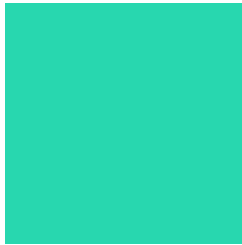


4281008138



# Previews

## White Background



This preview shows how the Android color 4280866735 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 4280866735 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

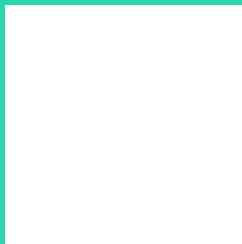
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280866735 Background



This preview shows how black text looks on a background with the Android color 4280866735.



This preview shows how white text looks on a background with the Android color 4280866735.

# 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](#).

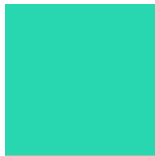
## Dichromacy





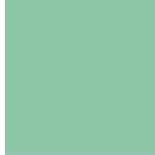
**Tritanopia**  
4283027681

# Trichromacy



**Original Color**

4280866735



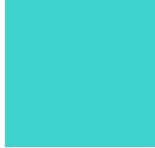
**Protanomaly**

4287481511



**Deuteranomaly**

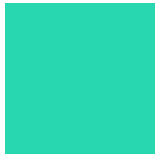
4287939507



**Tritanomaly**

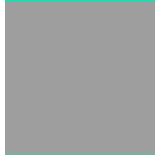
4282241999

# Monochromacy



**Original Color**

4280866735



**Achromatopsia**

4288585374



**Achromatomaly**

4285772708

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280866735 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(40, 215, 175)` looks like.

```
.text, #text, p{  
    color:rgb(40, 215, 175)  
}
```

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(40, 215, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 215, 175) }
```

## Border

The CSS property to change the border of an element to Android 4280866735 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(40, 215, 175) }
```

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

```
.border{ border-color:rgb(40, 215, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 215, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 215, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 215, 175);  
box-shadow:4px 4px 4px 4px rgb(40, 215,  
175) }
```

# Background

The CSS property to change the background color of an element to Android 4280866735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 215, 175) }
```

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

```
.background{ background-color: rgb(40, 215,  
175) }
```

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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