

# Converting Colors

Android(4280598937)

Have a look what the booklet for  
Android(4280598937) contains.

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# **Color**

**Android(4280598937)**

# Conversions

## Conversions Part 1

Format	Color
Hex	24C199
RGB	36, 193, 153
RGB Percent	14%, 76%, 60%
CMY	0.8588, 0.2431, 0.4000
CMYK	0.81, 0.00, 0.21, 0.24
HSL	165°, 69%, 45%
HSV	165°, 81%, 76%
XYZ	25.5473, 40.8149, 36.6686
YIQ	141.4970, -80.7320, -45.7240

# Conversions

## Conversions Part 2

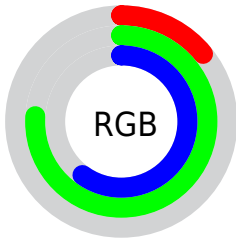
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 126, 193
Decimal	2408857
CIELab	70.05, -48.21, 9.21
CIELCh	70, 49.080, 169.186
Yxy	40.8149, 0.2480, 0.3961
Android (android.graphics.Color)	4280598937 (0xFF24C199)
YUV	141.4970, 5.6710, -92.5209
Hunter-Lab	63.8865, -40.4219, 10.6903

# Details

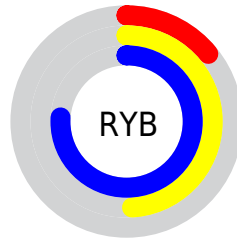
The Android color `4280598937` is a dark color, and the websafe version is hex `33CC99`. The color can be described as dark muted spring green. A complement of this color would be `4290847820`, and the grayscale version is `4287532686`.

A 20% lighter version of the original color is `4285463247`, and `4278225510` is the 20% darker color. If you saturate the color by 10%, you get `4279353748`, and if you desaturate by 10%, it is `4281844126`.

# Distribution



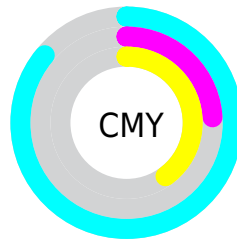
- Red (14%)
- Green (76%)
- Blue (60%)



- Red (14%)
- Yellow (49%)
- Blue (76%)



- Cyan (81%)
- Magenta (0%)
- Yellow (21%)
- Black (24%)



- Cyan (86%)
- Magenta (24%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280598937 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 4280598937 by changing the saturation by 10% instead.





4280598937



4280598937

4294967295



4278232447



4285463247



4278225510



4287496172



4278218830



4289462271



4278212407



4291428351



4278205986



4293459967



4278200332



4278190080



4280598937



4280598937



4279353748



4281844126

■ 4278239632

■ 4283154851

■ 4284400040

■ 4285645229

■ 4286890418

■ 4288201143

■ 4289446331

■ 4290691520

■ 4292002245

# Harmonies

## Analogous

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



4285971567



4280598937



4278239943

# Triad

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



4280598937



4287997695



4294087529

# Complementary

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



4280598937



4290847820

# 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.



4294936464



4280598937



4291990758

# Square

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



4280598937



4280989183



4294346941



4292125522

# Rectangle

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



4280598937



4278239458



4294346941



4294545013

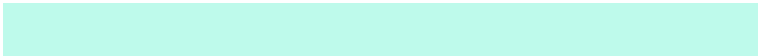


# Sweetspot

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



4280598937



4290706155



4283351332



4284054900



4294769916



4286414205



# Same Dimension

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



4280598937



4278581948



4280589505



4283916638



4278231416



4278198553



# Inverse Universe

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



4290847820



4294575427



4290857252



4284569434



4288741417

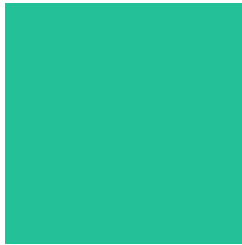


4280352776



# Previews

## White Background



This preview shows how the Android color 4280598937 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 4280598937 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

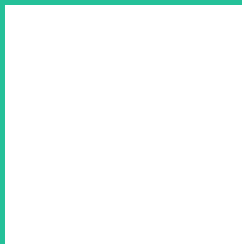
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280598937 Background



This preview shows how black text looks on a background with the Android color 4280598937.



This preview shows how white text looks on a background with the Android color 4280598937.

# 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





# Trichromacy



**Original Color**  
4280598937



**Protanomaly**  
4286558865



**Deuteranomaly**  
4287016861



**Tritanomaly**  
4281908664

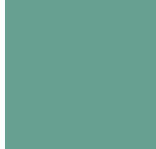
# Monochromacy



**Original Color**  
4280598937



**Achromatopsia**  
4287466893



**Achromatomaly**  
4284981393

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280598937 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(36, 193, 153)` looks like.

```
.text, #text, p{  
    color:rgb(36, 193, 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(36, 193, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 193, 153) }
```

## Border

The CSS property to change the border of an element to Android 4280598937 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(36, 193, 153) }
```

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

```
.border{ border-color:rgb(36, 193, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 193, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 193, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 193, 153);  
box-shadow:4px 4px 4px 4px rgb(36, 193,  
153) }
```

# Background

The CSS property to change the background color of an element to Android 4280598937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 193, 153) }
```

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

```
.background{ background-color: rgb(36, 193,  
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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