

# Converting Colors

Android(4282571185)

Have a look what the booklet for  
Android(4282571185) contains.

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# **Color**

**Android(4282571185)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42D9B1
RGB	66, 217, 177
RGB Percent	26%, 85%, 69%
CMY	0.7412, 0.1490, 0.3059
CMYK	0.70, 0.00, 0.18, 0.15
HSL	164°, 67%, 55%
HSV	164°, 70%, 85%
XYZ	34.9954, 53.9583, 50.1655
YIQ	167.2910, -77.1560, -44.4520

# Conversions

## Conversions Part 2

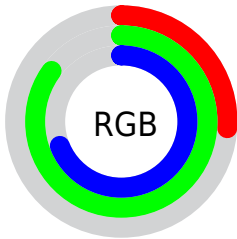
Format	Color
R <sub>Y</sub> B	66, 153, 217
Decimal	4381105
CIE Lab	78.44, -48.69, 8.35
CIE LCh	78, 49.402, 170.266
Yxy	53.9583, 0.2515, 0.3879
Android (android.graphics.Color)	4282571185 (0xFF42D9B1)
YUV	167.2910, 4.7865, -88.8322
Hunter-Lab	73.4563, -43.5091, 10.9285

# Details

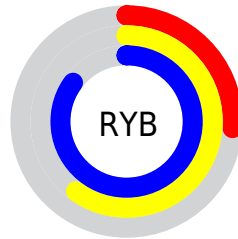
The Android color `4282571185` is a light color, and the websafe version is hex `33CC99`. The color can be described as light muted spring green. A complement of this color would be `4292428394`, and the grayscale version is `4289177511`.

A 20% lighter version of the original color is `4286906345`, and `4278231420` is the 20% darker color. If you saturate the color by 10%, you get `4281129387`, and if you desaturate by 10%, it is `4284012983`.

# Distribution



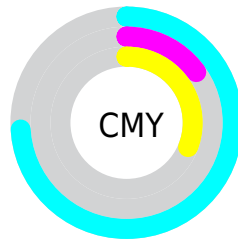
- Red (26%)
- Green (85%)
- Blue (69%)



- Red (26%)
- Yellow (60%)
- Blue (85%)



- Cyan (70%)
- Magenta (0%)
- Yellow (18%)
- Black (15%)



- Cyan (74%)
- Magenta (15%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282571185 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 4282571185 by changing the saturation by 10% instead.





4282571185



4282571185

4294967295



4279090582



4286906345



4278231420



4288937983



4278224484



4290904063



4278217804



4292935679



4278211381

4294901759



4278204960



4278199305




4278190080



4282571185



4282571185

 4281129387

 4284012983

 4279753126

 4285389244


 4278311328

 4286831042

 4278245792

 4288272840

 4289714638

 4291090899

 4292532697

 4293974495

 4294957541

# Harmonies

## Analogous

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



4287288197



4282571185



4278246112

# Triad

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



4282571185



4289707263



4294945405

# Complementary

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



4282571185



4292428394

# 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.



4294942373



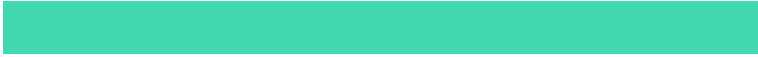
4282571185



4293765885

# Square

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



4282571185



4283812863



4294942419



4293704294

# Rectangle

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



4282571185



4278245372



4294942419



4294944137

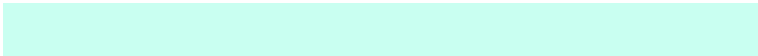


# Sweetspot

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



4282571185



4291428337



4285192514



4284514423



4278190080



4286611584



# Same Dimension

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



4282571185



4280942534



4282562265



4284706411



4278234495



4278201890



# Inverse Universe

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



4292428394



4294912354



4292437314



4285424486



4289527854

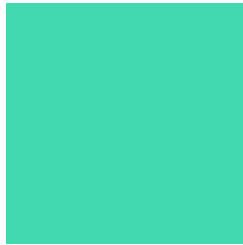


4281204748



# Previews

## White Background



This preview shows how the Android color 4282571185 looks on a white background.

## Color Contrast Check

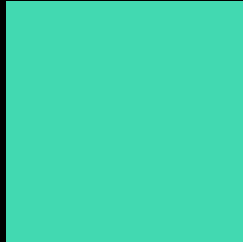
Large Text (above 18pt) WCAG AA × Fail

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 4282571185 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

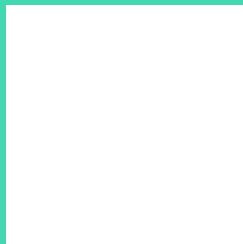
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282571185 Background



This preview shows how black text looks on a background with the Android color 4282571185.



This preview shows how white text looks on a background with the Android color 4282571185.

# 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**

4282571185



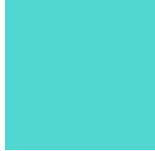
**Protanomaly**

4288268713



**Deuteranomaly**

4288726453



**Tritanomaly**

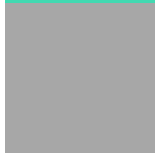
4283553233

# Monochromacy



**Original Color**

4282571185



**Achromatopsia**

4289177511



**Achromatomaly**

4286757291

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282571185 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(66, 217, 177)` looks like.

```
.text, #text, p{  
    color:rgb(66, 217, 177)  
}
```

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(66, 217, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 217, 177) }
```

## Border

The CSS property to change the border of an element to Android 4282571185 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(66, 217, 177) }
```

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

```
.border{ border-color:rgb(66, 217, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 217, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 217, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 217, 177);  
box-shadow:4px 4px 4px 4px rgb(66, 217,  
177) }
```

# Background

The CSS property to change the background color of an element to Android 4282571185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 217, 177) }
```

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

```
.background{ background-color: rgb(66, 217,  
177) }
```

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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