

# Converting Colors

Android(4281782983)

Have a look what the booklet for  
Android(4281782983) contains.

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**Color**

**Android(4281782983)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36D2C7
RGB	54, 210, 199
RGB Percent	21%, 82%, 78%
CMY	0.7882, 0.1765, 0.2196
CMYK	0.74, 0.00, 0.05, 0.18
HSL	176°, 63%, 52%
HSV	176°, 74%, 82%
XYZ	34.8767, 51.0010, 62.0388
YIQ	162.1020, -89.4450, -36.4930

# Conversions

## Conversions Part 2

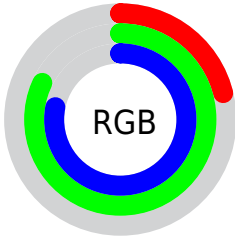
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 135, 210
Decimal	3592903
CIELab	76.68, -41.52, -6.01
CIElCh	77, 41.953, 188.240
Yxy	51.0010, 0.2358, 0.3448
Android (android.graphics.Color)	4281782983 (0xFF36D2C7)
YUV	162.1020, 18.1907, -94.8055
Hunter-Lab	71.4150, -37.8027, -1.5153

# Details

The Android color **4281782983** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **4291966529**, and the grayscale version is **4288848546**.

A 20% lighter version of the original color is **4286447615**, and **4278229905** is the 20% darker color. If you saturate the color by 10%, you get **4280406726**, and if you desaturate by 10%, it is **4283159240**.

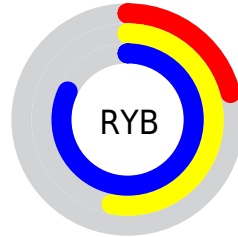
# Distribution



Red (21%)

Green (82%)

Blue (78%)



Red (21%)

Yellow (53%)

Blue (82%)

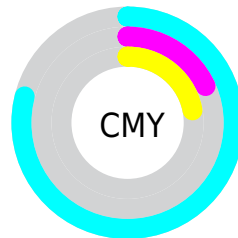


Cyan (74%)

Magenta (0%)

Yellow (5%)

Black (18%)



Cyan (79%)

Magenta (18%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281782983 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 4281782983 by changing the saturation by 10% instead.





4281782983



4281782983

4294967295



4278236844



4286447615



4278229905



4288479231



4278222968



4290510847



4278216287



4292542463



4278209863



4294574079



4278203697



4278198300



4278190081



4278190080

■ 4281782983

■ 4281782983

■ 4280406726

■ 4283159240

■ 4279030468

■ 4284535498

■ 4278244035

■ 4285911755

■ 4287288013

■ 4288664270

■ 4290040528

■ 4291416785

■ 4292793043

■ 4294169300

# Harmonies

## Analogous

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



4285714591



4281782983



4278243564

# Triad

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



4281782983



4291866618



4293833078

# Complementary

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



4281782983



4291966529

# 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.



4294944143



4281782983



4294419419

# Square

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



4281782983



4288069119



4294942644



4291608175

# Rectangle

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



4281782983



4281650430



4294942644



4294421884



# Sweetspot

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



4281782983



4291297275



4282634806



4284383357



4278190080



4286611584



# Same Dimension

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



4281782983



4280090607



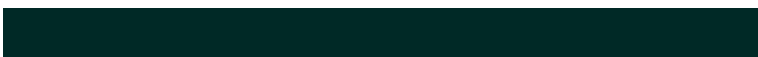
4281766354



4284377448



4278233244



4278200614



# Inverse Universe

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



4291966529



4294908972



4291983158



4285095519



4289200140

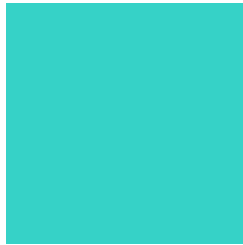


4280877059



# Previews

## White Background



This preview shows how the Android color 4281782983 looks on a white background.

## Color Contrast Check

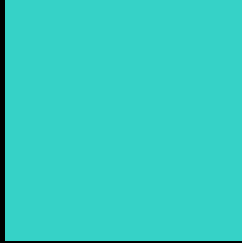
Large Text (above 18pt) WCAG AA × Fail

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 4281782983 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

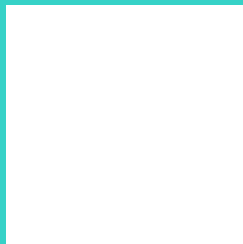
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281782983 Background



This preview shows how black text looks on a background with the Android color 4281782983.

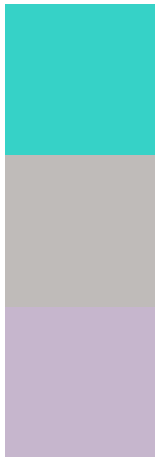


This preview shows how white text looks on a background with the Android color 4281782983.

# 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](#).

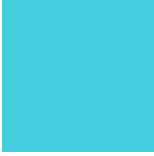
## Dichromacy



**Original Color**  
4281782983

**Protanopia**  
4290755513

**Deuteranopia**  
4291213005



**Tritanopia**  
4282765023

# Trichromacy



**Original Color**

4281782983



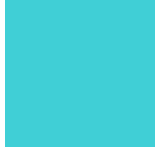
**Protanomaly**

4287480766



**Deuteranomaly**

4287807691



**Tritanomaly**

4282437590

# Monochromacy



**Original Color**

4281782983



**Achromatopsia**

4288848546



**Achromatomaly**

4286297007

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281782983 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(54, 210, 199)` looks like.

```
.text, #text, p{  
    color:rgb(54, 210, 199)  
}
```

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(54, 210, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 210, 199) }
```

## Border

The CSS property to change the border of an element to Android 4281782983 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(54, 210, 199) }
```

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

```
.border{ border-color:rgb(54, 210, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 210, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 210, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 210, 199);  
box-shadow:4px 4px 4px 4px rgb(54, 210,  
199) }
```

# Background

The CSS property to change the background color of an element to Android 4281782983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 210, 199) }
```

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

```
.background{ background-color: rgb(54, 210,  
199) }
```

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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