

# Converting Colors

Android(4283028682)

Have a look what the booklet for  
Android(4283028682) contains.

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# **Color**

**Android(4283028682)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49D4CA
RGB	73, 212, 202
RGB Percent	29%, 83%, 79%
CMY	0.7137, 0.1686, 0.2078
CMYK	0.66, 0.00, 0.05, 0.17
HSL	176°, 62%, 56%
HSV	176°, 66%, 83%
XYZ	36.9518, 52.7677, 64.1147
YIQ	169.2990, -79.6340, -32.5780

# Conversions

## Conversions Part 2

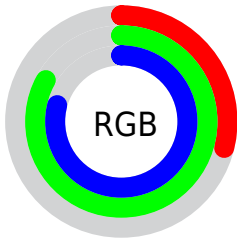
Format	Color
<a href="#">RYB</a>	<a href="#">73, 145, 212</a>
Decimal	<a href="#">4838602</a>
CIELab	<a href="#">77.74, -39.12, -6.02</a>
CIELCh	<a href="#">78, 39.578, 188.745</a>
Yxy	<a href="#">52.7677, 0.2402, 0.3430</a>
Android (android.graphics.Color)	<a href="#">4283028682</a> ( <a href="#">0xFF49D4CA</a> )
YUV	<a href="#">169.2990, 16.1216, -84.4542</a>
Hunter-Lab	<a href="#">72.6414, -36.3216, -1.4816</a>

# Details

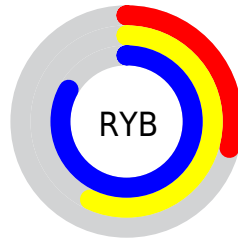
The Android color `4283028682` is a light color, and the websafe version is hex `33CCCC`. The color can be described as light muted cyan. A complement of this color would be `4292102483`, and the grayscale version is `4289309097`.

A 20% lighter version of the original color is `4287299583`, and `4278230420` is the 20% darker color. If you saturate the color by 10%, you get `4281652424`, and if you desaturate by 10%, it is `4284404940`.

# Distribution



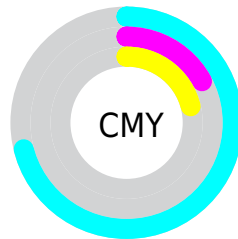
- Red (29%)
- Green (83%)
- Blue (79%)



- Red (29%)
- Yellow (57%)
- Blue (83%)



- Cyan (66%)
- Magenta (0%)
- Yellow (5%)
- Black (17%)



- Cyan (71%)
- Magenta (17%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283028682 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 4283028682 by changing the saturation by 10% instead.





4283028682



4283028682

4294967295



4280137903



4287299583



4278230420



4289265663



4278223482



4291297279



4278216802



4293263359



4278210378



4278204211



4278199070



4278190085



4278190080

■ 4283028682

■ 4283028682

■ 4281652424

■ 4284404940

■ 4280276167

■ 4285781197

■ 4278834373

■ 4287222991

■ 4278244549

■ 4288599248

■ 4289975506

■ 4291351763

■ 4292728021

■ 4294169814

■ 4294956248

# Harmonies

## Analogous

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



4286173860



4283028682



4281389805

# Triad

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



4283028682



4291998714



4293899644

# Complementary

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



4283028682



4292102483

# 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.



4294945172



4283028682



4294420700

# Square

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



4283028682



4288528639



4294943927



4291740023

# Rectangle

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



4283028682



4283223806



4294943927



4294422914

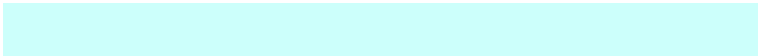


# Sweetspot

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



4283028682



4291624955



4283814985



4284579965



4278190080



4286611584



# Same Dimension

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



4283028682



4281794545



4283013844



4284509034



4278234015



4278201128



# Inverse Universe

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



4292102483



4294915652



4292117321



4285227105



4289396748

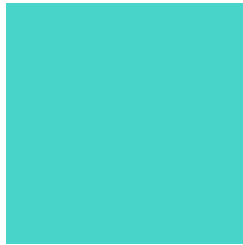


4281008131



# Previews

## White Background



This preview shows how the Android color 4283028682 looks on a white background.

## Color Contrast Check

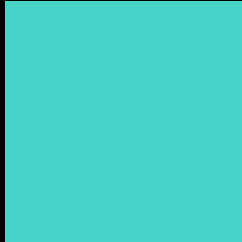
Large Text (above 18pt) WCAG AA × Fail

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 4283028682 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

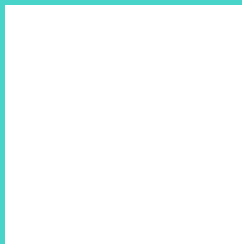
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283028682 Background



This preview shows how black text looks on a background with the Android color 4283028682.

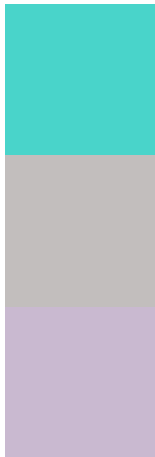


This preview shows how white text looks on a background with the Android color 4283028682.

# 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



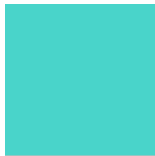
**Original Color**  
4283028682

**Protanopia**  
4290952893

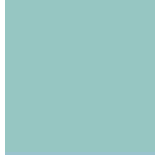
**Deuteranopia**  
4291410384



# Trichromacy



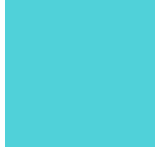
**Original Color**  
4283028682



**Protanomaly**  
4288071362



**Deuteranomaly**  
4288332750

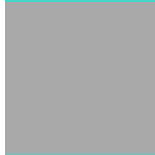


**Tritanomaly**  
4283486681

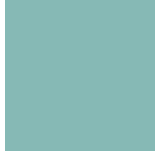
# Monochromacy



**Original Color**  
4283028682



**Achromatopsia**  
4289309097



**Achromatomaly**  
4287019445

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283028682 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(73, 212, 202)` looks like.

```
.text, #text, p{  
    color:rgb(73, 212, 202)  
}
```

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(73, 212, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 212, 202) }
```

## Border

The CSS property to change the border of an element to Android 4283028682 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(73, 212, 202) }
```

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

```
.border{ border-color:rgb(73, 212, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 212, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 212, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 212, 202);  
box-shadow:4px 4px 4px 4px rgb(73, 212,  
202) }
```

# Background

The CSS property to change the background color of an element to Android 4283028682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 212, 202) }
```

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

```
.background{ background-color: rgb(73, 212,  
202) }
```

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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