

# Converting Colors

Android(4283810249)

Have a look what the booklet for  
Android(4283810249) contains.

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**Color**

**Android(4283810249)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55C1C9
RGB	85, 193, 201
RGB Percent	33%, 76%, 79%
CMY	0.6667, 0.2431, 0.2118
CMYK	0.58, 0.04, 0.00, 0.21
HSL	184°, 52%, 56%
HSV	184°, 58%, 79%
XYZ	33.3589, 44.2883, 62.0486
YIQ	161.6200, -66.9360, -20.4080

# Conversions

## Conversions Part 2

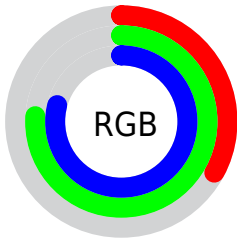
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 141, 201
Decimal	5620169
CIELab	72.42, -28.43, -13.36
CIELCh	72, 31.417, 205.175
Yxy	44.2883, 0.2388, 0.3170
Android (android.graphics.Color)	4283810249 (0xFF55C1C9)
YUV	161.6200, 19.4143, -67.1957
Hunter-Lab	66.5494, -26.9857, -8.6956

# Details

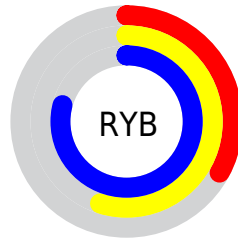
The Android color **4283810249** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **4291386709**, and the grayscale version is **4288782753**.

A 20% lighter version of the original color is **4287757055**, and **4278225811** is the 20% darker color. If you saturate the color by 10%, you get **4282499273**, and if you desaturate by 10%, it is **4285121225**.

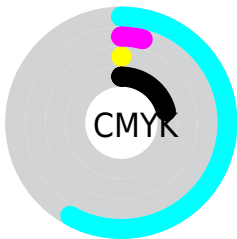
# Distribution



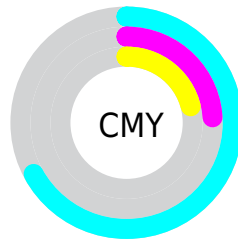
- Red (33%)
- Green (76%)
- Blue (79%)



- Red (33%)
- Yellow (55%)
- Blue (79%)



- Cyan (58%)
- Magenta (4%)
- Yellow (0%)
- Black (21%)



- Cyan (67%)
- Magenta (24%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283810249 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 4283810249 by changing the saturation by 10% instead.





4283810249



4283810249

4294967295



4281575086



4287757055



4278225811



4289658879



4278219129



4291624959



4278212705



4293591039



4278206537



4278200882



4278194462



4278190081



4278190080

■ 4283810249

■ 4283810249

■ 4282499273

■ 4285121225

■ 4281188041

■ 4286432457

■ 4279877065

■ 4287743433

■ 4278565833

■ 4289054665

■ 4278238153

■ 4290431177

■ 4291742153

■ 4293053385

■ 4294364361

■ 4294954441

# Harmonies

## Analogous

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



4285252012



4283810249



4284464608

# Triad

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



4283810249



4291994323



4291473016

# Complementary

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



4283810249



4291386709

# 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.



4292912516



4283810249



4293303735

# Square

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



4283810249



4289703141



4293631643



4289574781

# Rectangle

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



4283810249



4286036456



4293631643



4292062075

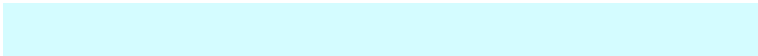


# Sweetspot

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



4283810249



4292148479



4283812189



4284907136



4278190080



4286611584



# Same Dimension

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



4283810249



4283429887



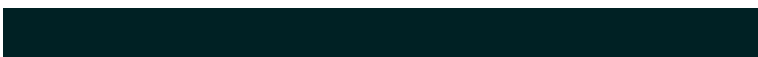
4283795401



4284113763



4278229155



4278198564



# Inverse Universe

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



4291384769



4294922227



4291401557



4284701283



4288872600

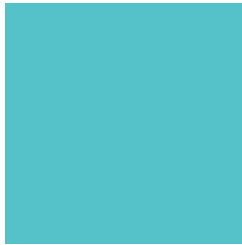


4280549409



# Previews

## White Background



This preview shows how the Android color 4283810249 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 4283810249 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 4283810249 Background



This preview shows how black text looks on a background with the Android color 4283810249.



This preview shows how white text looks on a background with the Android color 4283810249.

# 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



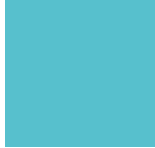
**Original Color**  
4283810249



**Protanomaly**  
4287608514



**Deuteranomaly**  
4287739084

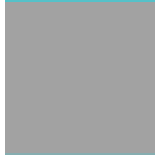


**Tritanomaly**  
4283941069

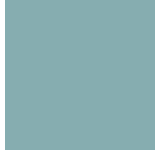
# Monochromacy



**Original Color**  
4283810249



**Achromatopsia**  
4288848546



**Achromatomaly**  
4287016368

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283810249 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(85, 193, 201)` looks like.

```
.text, #text, p{  
    color:rgb(85, 193, 201)  
}
```

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(85, 193, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 193, 201) }
```

## Border

The CSS property to change the border of an element to Android 4283810249 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(85, 193, 201) }
```

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

```
.border{ border-color:rgb(85, 193, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 193, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 193, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 193, 201);  
box-shadow:4px 4px 4px 4px rgb(85, 193,  
201) }
```

# Background

The CSS property to change the background color of an element to Android 4283810249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 193, 201) }
```

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

```
.background{ background-color: rgb(85, 193,  
201) }
```

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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