

# Converting Colors

Android(4283547075)

Have a look what the booklet for  
Android(4283547075) contains.

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**Color**

**Android(4283547075)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51BDC3
RGB	81, 189, 195
RGB Percent	32%, 74%, 76%
CMY	0.6824, 0.2588, 0.2353
CMYK	0.58, 0.03, 0.00, 0.24
HSL	183°, 49%, 54%
HSV	183°, 58%, 76%
XYZ	31.4413, 42.0847, 58.0958
YIQ	157.3920, -66.2940, -21.0300

# Conversions

## Conversions Part 2

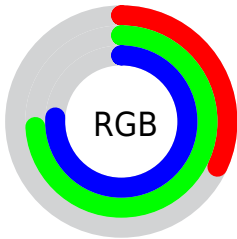
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 136, 195
Decimal	5356995
CIELab	70.93, -28.90, -12.34
CIELCh	71, 31.419, 203.120
Yxy	42.0847, 0.2389, 0.3197
Android (android.graphics.Color)	4283547075 (0xFF51BDC3)
YUV	157.3920, 18.5407, -66.9958
Hunter-Lab	64.8727, -27.0152, -7.6854

# Details

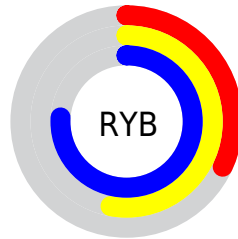
The Android color `4283547075` is a light color, and the websafe version is hex `66CCCC`. The color can be described as light muted azure. A complement of this color would be `4290991953`, and the grayscale version is `4288519581`.

A 20% lighter version of the original color is `4287493884`, and `4278224781` is the 20% darker color. If you saturate the color by 10%, you get `4282236099`, and if you desaturate by 10%, it is `4284792515`.

# Distribution



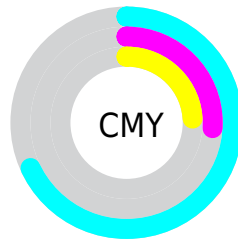
- Red (32%)
- Green (74%)
- Blue (76%)



- Red (32%)
- Yellow (53%)
- Blue (76%)



- Cyan (58%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)



- Cyan (68%)
- Magenta (26%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283547075 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 4283547075 by changing the saturation by 10% instead.





4283547075



4283547075

4294967295



4281311912



4287493884



4278224781



4289396735



4278218356



4291362815



4278211931



4293328895



4278205764



4278200110



4278192154



4278190080



4283547075



4283547075

■ 4282236099

■ 4284792515

■ 4280990659

■ 4286103491

■ 4279679683

■ 4287348931

■ 4278434243

■ 4288659907

■ 4278237635

■ 4289970883

■ 4291216323

■ 4292527299

■ 4293772739

■ 4294952643

# Harmonies

## Analogous

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



4285119910



4283547075



4284070362

# Triad

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



4283547075



4291600336



4291340917

# Complementary

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



4283547075



4290991953

# 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.



4292714625



4283547075



4292975029

# Square

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



4283547075



4289243618



4293368217



4289442680

# Rectangle

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



4283547075



4285576676



4293368217



4291864183

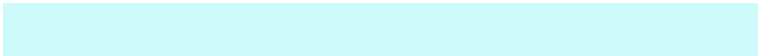


# Sweetspot

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



4283547075



4291820284



4283548503



4284710528



4278190080



4286611584



# Same Dimension

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



4283547075



4283233276



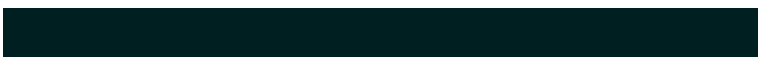
4283532483



4283916385



4278229153



4278198049



# Inverse Universe

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



4290990525



4294724851



4291006545



4284569440



4288741528

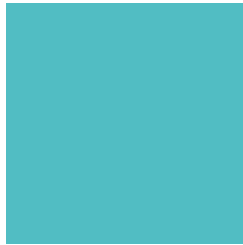


4280352799



# Previews

## White Background



This preview shows how the Android color 4283547075 looks on a white background.

## Color Contrast Check

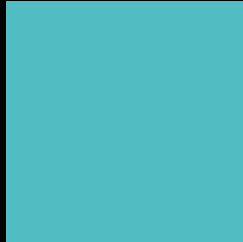
Large Text (above 18pt) WCAG AA × Fail

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 4283547075 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

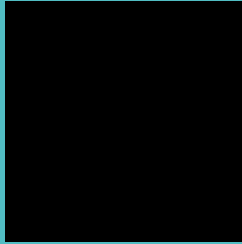
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4283547075 Background



This preview shows how black text looks on a background with the Android color 4283547075.



This preview shows how white text looks on a background with the Android color 4283547075.

# 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



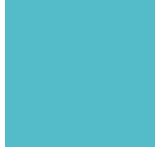
**Original Color**  
4283547075



**Protanomaly**  
4287345340



**Deuteranomaly**  
4287475910



**Tritanomaly**  
4283677896

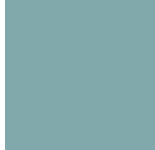
# Monochromacy



**Original Color**  
4283547075



**Achromatopsia**  
4288519581



**Achromatomaly**  
4286687659

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283547075 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(81, 189, 195)` looks like.

```
.text, #text, p{  
    color:rgb(81, 189, 195)  
}
```

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(81, 189, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 189, 195) }
```

## Border

The CSS property to change the border of an element to Android 4283547075 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(81, 189, 195) }
```

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

```
.border{ border-color:rgb(81, 189, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 189, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(81, 189, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(81, 189, 195); box-shadow:4px 4px 4px 4px rgb(81, 189, 195) }
```

# Background

The CSS property to change the background color of an element to Android 4283547075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 189, 195) }
```

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

```
.background{ background-color: rgb(81, 189,  
195) }
```

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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