

# Converting Colors

Android(4283817379)

Have a look what the booklet for  
Android(4283817379) contains.

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**Color**

**Android(4283817379)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55DDA3
RGB	85, 221, 163
RGB Percent	33%, 87%, 64%
CMY	0.6667, 0.1333, 0.3608
CMYK	0.62, 0.00, 0.26, 0.13
HSL	154°, 67%, 60%
HSV	154°, 62%, 87%
XYZ	36.2136, 56.2885, 43.6065
YIQ	173.7240, -62.4380, -46.8700

# Conversions

## Conversions Part 2

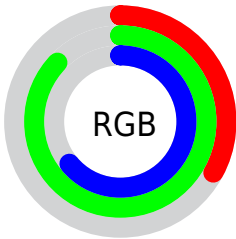
Format	Color
<a href="#">RYB</a>	<a href="#">85, 171, 221</a>
Decimal	<a href="#">5627299</a>
CIELab	<a href="#">79.78, -50.36, 17.71</a>
CIELCh	<a href="#">80, 53.382, 160.621</a>
Yxy	<a href="#">56.2885, 0.2661, 0.4136</a>
Android (android.graphics.Color)	<a href="#">4283817379 (0xFF55DDA3)</a>
YUV	<a href="#">173.7240, -5.2869, -77.8109</a>
Hunter-Lab	<a href="#">75.0257, -45.1360, 18.0574</a>

# Details

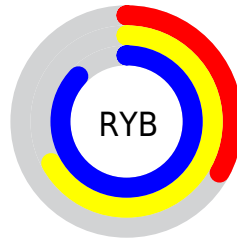
The Android color `4283817379` is a light color, and the websafe version is hex `33CC99`. The color can be described as light muted spring green. A complement of this color would be `4292695439`, and the grayscale version is `4289638062`.

A 20% lighter version of the original color is `4287823834`, and `4278232431` is the 20% darker color. If you saturate the color by 10%, you get `4282375578`, and if you desaturate by 10%, it is `4285259180`.

# Distribution



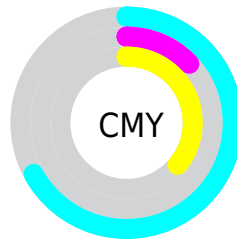
- Red (33%)
- Green (87%)
- Blue (64%)



- Red (33%)
- Yellow (67%)
- Blue (87%)



- Cyan (62%)
- Magenta (0%)
- Yellow (26%)
- Black (13%)



- Cyan (67%)
- Magenta (13%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283817379 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 4283817379 by changing the saturation by 10% instead.





4283817379



4283817379

4294967295



4281516425



4287823834



4278232431



4289789943



4278225495



4291756031



4278218815



4293722111



4278212137



4278205715



4278200064



4278190080



4283817379



4283817379

 4282375578

 4285259180

 4280933776


 4286700982

 4279491975

 4288142783

 4278246783

 4289584585

 4291026386

 4292533724

 4293975525

 4294958574

 4294958584

# Harmonies

## Analogous

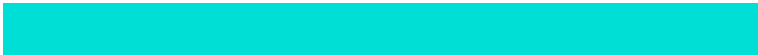
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288533880



4283817379



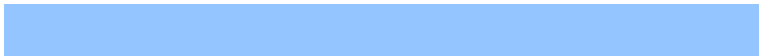
4278247382

# Triad

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



4283817379



4287940095



4294944391

# Complementary

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



4283817379



4292695439

# 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.



4294942134



4283817379



4292981503

# Square

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



4283817379



4278244607



4294943208



4294948711

# Rectangle

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



4283817379



4278247159



4294943208



4294943382

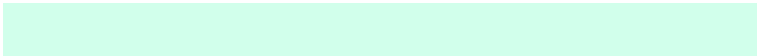


# Sweetspot

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



4283817379



4291952619



4287683925



4284711028



4278190080



4286611584



# Same Dimension

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



4283817379



4282580911



4283815133



4284706409



4278234467



4278201882



# Inverse Universe

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



4292695439



4294918803



4292697685



4285424487



4289527882

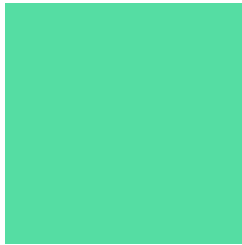


4281204756



# Previews

## White Background



This preview shows how the Android color 4283817379 looks on a white background.

## Color Contrast Check

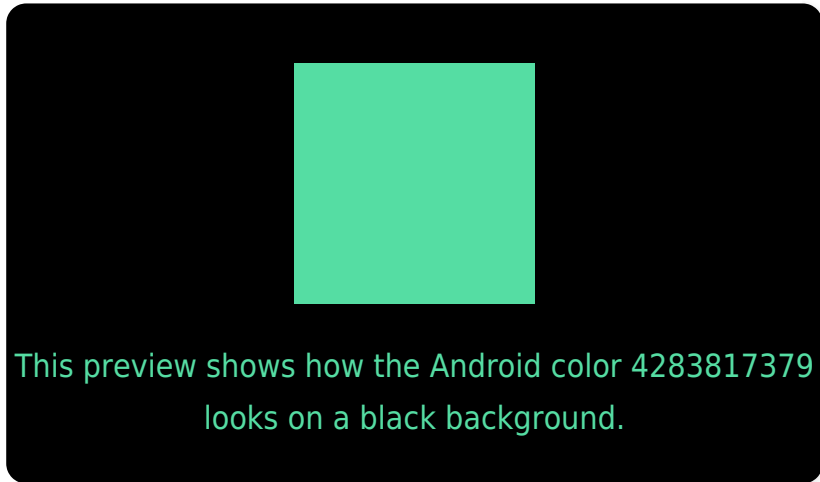
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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

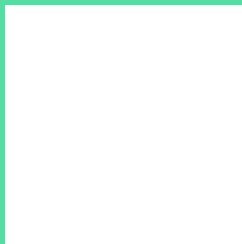
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283817379 Background



This preview shows how black text looks on a background with the Android color 4283817379.



This preview shows how white text looks on a background with the Android color 4283817379.

# 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



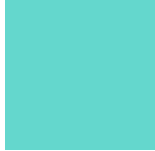
**Original Color**  
4283817379



**Protanomaly**  
4288990619



**Deuteranomaly**  
4289644967

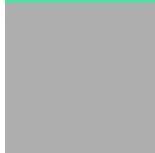


**Tritanomaly**  
4284798925

# Monochromacy



**Original Color**  
4283817379



**Achromatopsia**  
4289638062



**Achromatomaly**  
4287545258

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283817379 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, 221, 163)` looks like.

```
.text, #text, p{  
    color:rgb(85, 221, 163)  
}
```

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, 221, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 221, 163) }
```

## Border

The CSS property to change the border of an element to Android 4283817379 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, 221, 163) }
```

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

```
.border{ border-color:rgb(85, 221, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 221, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 221, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 221, 163);  
box-shadow:4px 4px 4px 4px rgb(85, 221,  
163) }
```

# Background

The CSS property to change the background color of an element to Android 4283817379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 221, 163) }
```

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

```
.background{ background-color: rgb(85, 221,  
163) }
```

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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