

Converting Colors

Android(4283549059)

Have a look what the booklet for
Android(4283549059) contains.

Android(4283549059)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4283549059)

Conversions

Conversions Part 1

Format	Color
Hex	51C583
RGB	81, 197, 131
RGB Percent	32%, 77%, 51%
CMY	0.6824, 0.2275, 0.4863
CMYK	0.59, 0.00, 0.34, 0.23
HSL	146°, 50%, 55%
HSV	146°, 59%, 77%
XYZ	27.4563, 43.3205, 28.3873
YIQ	154.7920, -47.9500, -45.1180

Conversions

Conversions Part 2

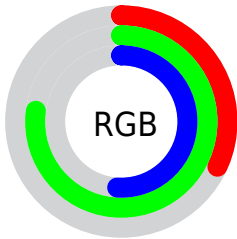
Format	Color
RYB	81, 162, 197
Decimal	5358979
CIELab	71.77, -47.80, 23.56
CIELCh	72, 53.295, 153.759
Yxy	43.3205, 0.2769, 0.4369
Android (android.graphics.Color)	4283549059 (0xFF51C583)
YUV	154.7920, -11.7295, -64.7156
Hunter-Lab	65.8183, -40.7202, 20.5012

Details

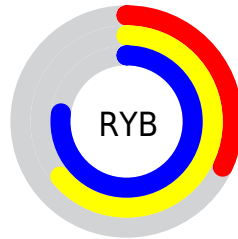
The Android color **4283549059** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **4291121555**, and the grayscale version is **4288387995**.

A 20% lighter version of the original color is **4287430328**, and **4278226513** is the 20% darker color. If you saturate the color by 10%, you get **4282238328**, and if you desaturate by 10%, it is **4284859790**.

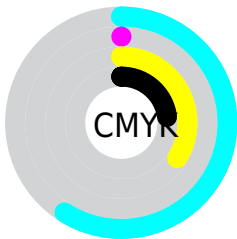
Distribution



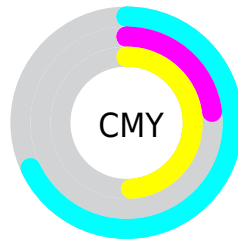
- Red (32%)
- Green (77%)
- Blue (51%)



- Red (32%)
- Yellow (64%)
- Blue (77%)



- Cyan (59%)
- Magenta (0%)
- Yellow (34%)
- Black (23%)



- Cyan (68%)
- Magenta (23%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283549059 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 4283549059 by changing the saturation by 10% instead.

 4283549059

 4283549059

4294967295

 4281444714

 4287430328

 4278226513

 4289331156

 4278219833

 4291231729

 4278213155

 4293132287

 4278206989

 4278201344

 4278193152

 4278190080

 4283549059

 4283549059

 4282238328

 4284859790

 4280993133

 4286104985

 4279682401

 4287415717

 4278371670

 4288726448

 4278240597

 4290037179

 4291282374

 4292593105

 4293903837

 4294952424

Harmonies

Analogous

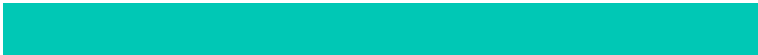
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4287937884



4283549059



4278241461

Triad

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



4283549059



4284724223



4294937980

Complementary

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



4283549059



4291121555

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.



4294936236



4283549059



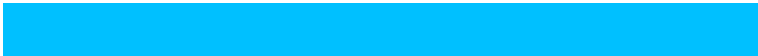
4290486783

Square

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



4283549059



4278239487



4294021084



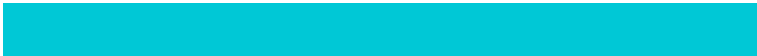
4293828185

Rectangle

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



4283549059



4278241494



4294021084



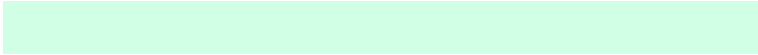
4294936971

Sweetspot

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



4283549059



4291952613



4288005457



4284711024



4278190080



4286611584

Same Dimension

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



4283549059



4283105176



4283549115



4284113758



4278231878



4278199311

Inverse Universe

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



4291121555



4294920881



4291121499



4284701279



4288872541



4280549396

Previews

White Background



This preview shows how the Android color 4283549059 looks on a white background.

Color Contrast Check

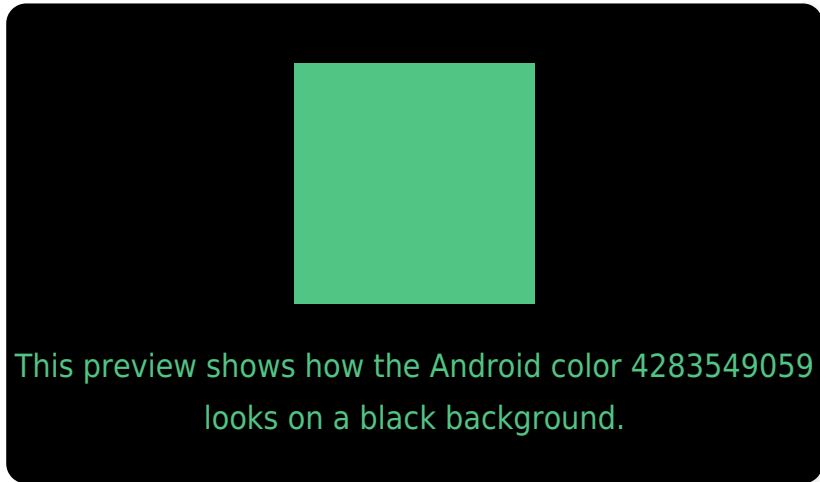
Large Text (above 18pt) WCAG AA × Fail

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 4283549059 Background



This preview shows how black text looks on a background with the Android color 4283549059.



This preview shows how white text looks on a background with the Android color 4283549059.

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

4283549059



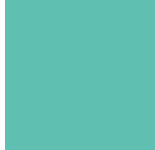
Protanomaly

4288067197



Deuteranomaly

4288656263



Tritanomaly

4284465073

Monochromacy



Original Color

4283549059



Achromatopsia

4288387995



Achromatomaly

4286622354

CSS Examples

Text

The CSS property to change the color of the text to Android 4283549059 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, 197, 131)` looks like.

```
.text, #text, p{  
    color:rgb(81, 197, 131)  
}
```

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, 197, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 197, 131) }
```

Border

The CSS property to change the border of an element to Android 4283549059 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, 197, 131) }
```

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

```
.border{ border-color:rgb(81, 197, 131) }
```

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

Here you see how a box with a 4 pixel rgb(81, 197, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 197, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 197, 131);  
box-shadow:4px 4px 4px 4px rgb(81, 197,  
131) }
```

Background

The CSS property to change the background color of an element to Android 4283549059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 197, 131) }
```

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

```
.background{ background-color: rgb(81, 197,  
131) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor