

Converting Colors

Android(4281979551)

Have a look what the booklet for
Android(4281979551) contains.

| | |
|--|----|
| Android(4281979551) | 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(4281979551)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 39D29F |
| RGB | 57, 210, 159 |
| RGB Percent | 22%, 82%, 62% |
| CMY | 0.7765, 0.1765, 0.3765 |
| CMYK | 0.73, 0.00, 0.24, 0.18 |
| HSL | 160°, 63%, 52% |
| HSV | 160°, 73%, 82% |
| XYZ | 30.9919, 49.4662, 40.7154 |
| YIQ | 158.4390, -74.8170, -48.2970 |

Conversions

Conversions Part 2

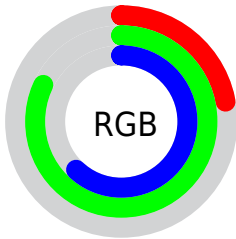
| Format | Color |
|-------------------------------------|--|
| RYB | 57, 149, 210 |
| Decimal | 3789471 |
| CIELab | 75.74, -51.29, 14.08 |
| CIELCh | 76, 53.188, 164.644 |
| Yxy | 49.4662, 0.2558, 0.4082 |
| Android (android.graphics.Color) | 4281979551 (0xFF39D29F) |
| YUV | 158.4390, 0.2766, -88.9620 |
| Hunter-Lab | 70.3322, -44.4253, 14.9096 |

Details

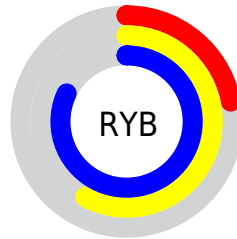
The Android color **4281979551** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **4291967340**, and the grayscale version is **4288585374**.

A 20% lighter version of the original color is **4286447574**, and **4278229611** is the 20% darker color. If you saturate the color by 10%, you get **4280603288**, and if you desaturate by 10%, it is **4283355814**.

Distribution



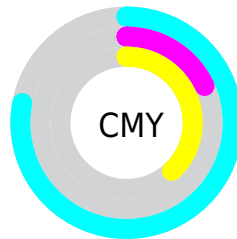
- Red (22%)
- Green (82%)
- Blue (62%)



- Red (22%)
- Yellow (58%)
- Blue (82%)



- Cyan (73%)
- Magenta (0%)
- Yellow (24%)
- Black (18%)



- Cyan (78%)
- Magenta (18%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281979551 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 4281979551 by changing the saturation by 10% instead.



4281979551



4281979551

4294967295



4278236805



4286447574



4278229611



4288413682



4278222931



4290445311



4278216252



4292411391



4278209574



4294443007



4278203409



4278197248



4278190080



4281979551




4281979551

 4280603288

 4283355814

 4279227025

 4284732077


 4278243980

 4286108340

 4287484603

 4288860866

 4290237129

 4291613392

 4292989655

 4294365918

Harmonies

Analogous

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



4287286130



4281979551



4278244562

Triad

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



4281979551



4288002047



4294942072

Complementary

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



4281979551



4291967340

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.



4294939300



4281979551



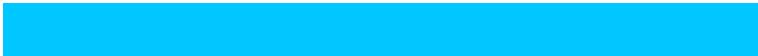
4292715775

Square

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



4281979551



4278241279



4294940118



4293767003

Rectangle

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



4281979551



4278244081



4294940118



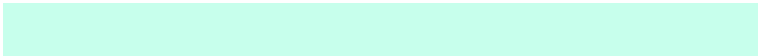
4294940805

Sweetspot

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



4281979551



4291297260



4285321785



4284383348



4278190080



4286611584

Same Dimension

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



4281979551



4280418229



4281972946



4284377445



4278233200



4278200603

Inverse Universe

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



4291967340



4294910315



4291973945



4285095522



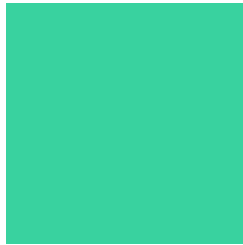
4289200184



4280877070

Previews

White Background



This preview shows how the Android color 4281979551 looks on a white background.

Color Contrast Check

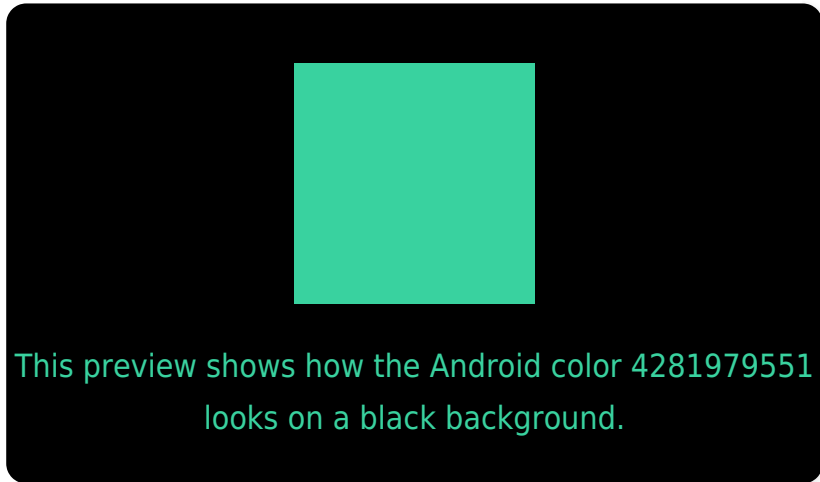
Large Text (above 18pt) WCAG AA × Fail

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

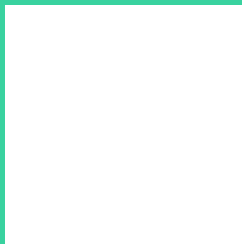
Any Text WCAG AAA ✓ Pass

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

Android 4281979551 Background



This preview shows how black text looks on a background with the Android color 4281979551.



This preview shows how white text looks on a background with the Android color 4281979551.

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





Tritanopia
4283812571

Trichromacy



Original Color

4281979551



Protanomaly

4287808151



Deuteranomaly

4288331427



Tritanomaly

4283157957

Monochromacy



Original Color

4281979551



Achromatopsia

4288585374



Achromatomaly

4286165406

CSS Examples

Text

The CSS property to change the color of the text to Android 4281979551 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(57, 210, 159)` looks like.

```
.text, #text, p{  
    color:rgb(57, 210, 159)  
}
```

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(57, 210, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 210, 159) }
```

Border

The CSS property to change the border of an element to Android 4281979551 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(57, 210, 159) }
```

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

```
.border{ border-color:rgb(57, 210, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 210, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 210, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 210, 159);  
box-shadow:4px 4px 4px 4px rgb(57, 210,  
159) }
```

Background

The CSS property to change the background color of an element to Android 4281979551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 210, 159) }
```

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

```
.background{ background-color: rgb(57, 210,  
159) }
```

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