

Converting Colors

Android(4279352199)

Have a look what the booklet for
Android(4279352199) contains.

Android(4279352199)	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(4279352199)

Conversions

Conversions Part 1

Format	Color
Hex	11BB87
RGB	17, 187, 135
RGB Percent	7%, 73%, 53%
CMY	0.9333, 0.2667, 0.4706
CMYK	0.91, 0.00, 0.28, 0.27
HSL	162°, 83%, 40%
HSV	162°, 91%, 73%
XYZ	22.3747, 37.4091, 28.9631
YIQ	130.2420, -84.6280, -52.2120

Conversions

Conversions Part 2

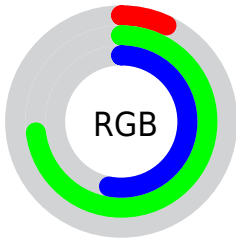
Format	Color
RYB	17, 117, 187
Decimal	1162119
CIELab	67.58, -51.54, 15.48
CIELCh	68, 53.818, 163.280
Yxy	37.4091, 0.2521, 0.4215
Android (android.graphics.Color)	4279352199 (0xFF11BB87)
YUV	130.2420, 2.3457, -99.3132
Hunter-Lab	61.1630, -41.7362, 14.7379

Details

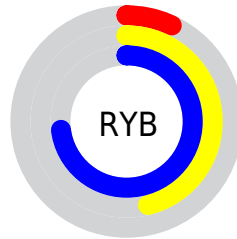
The Android color **4279352199** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **4290449733**, and the grayscale version is **4286743170**.

A 20% lighter version of the original color is **4284871868**, and **4278223957** is the 20% darker color. If you saturate the color by 10%, you get **4278238082**, and if you desaturate by 10%, it is **4280597389**.

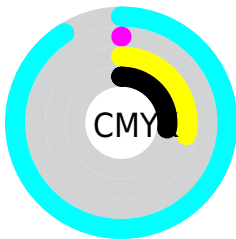
Distribution



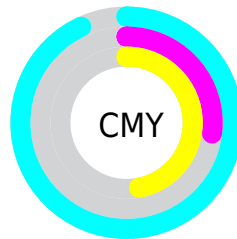
- Red (7%)
- Green (73%)
- Blue (53%)



- Red (7%)
- Yellow (46%)
- Blue (73%)



- Cyan (91%)
- Magenta (0%)
- Yellow (28%)
- Black (27%)



- Cyan (93%)
- Magenta (27%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279352199 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 4279352199 by changing the saturation by 10% instead.



4279352199



4279352199

4294967295



4278230894



4284871868



4278223957



4286906328



4278217278



4288872437



4278210856



4290838527



4278204435



4292870143



4278198784

4294836223



4278190080



4279352199




4279352199



4278238082



4280597389

 4281777042

 4283022232

 4284267422

 4285512612

 4286692265

 4287937455

 4289182645

 4290362298

Harmonies

Analogous

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



4285969499



4279352199



4278238649

Triad

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



4279352199



4286030591



4294280804

Complementary

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



4279352199



4290449733

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.



4294933393



4279352199



4291071980

Square

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



4279352199



4278235647



4293951170



4292319301

Rectangle

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



4279352199



4278238424



4293951170



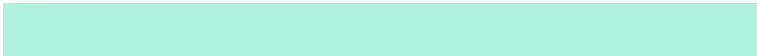
4294672754

Sweetspot

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



4279352199



4289852126



4282891025



4283660910



4294638330



4286216826

Same Dimension

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



4279352199



4278252200



4279344315



4283784795



4278230638



4278198037

Inverse Universe

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



4290449733



4294049866



4290457617



4284372312



4288544816



4280221705

Previews

White Background



This preview shows how the Android color 4279352199 looks on a white background.

Color Contrast Check

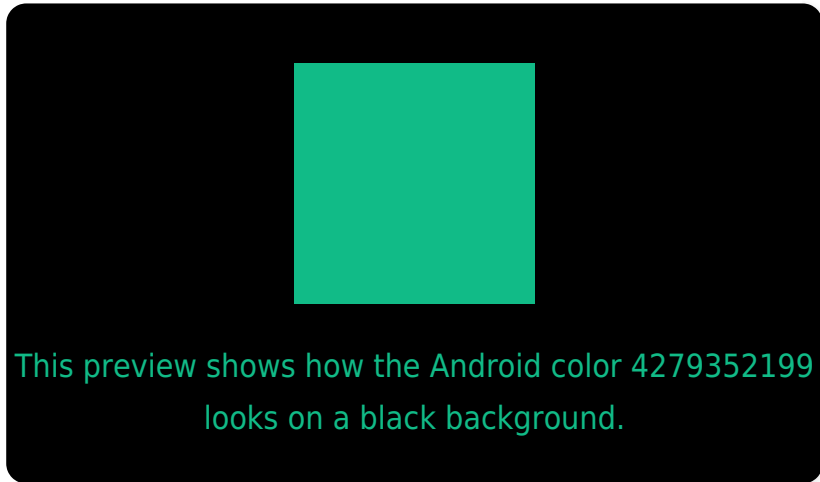
Large Text (above 18pt) WCAG AA × Fail

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

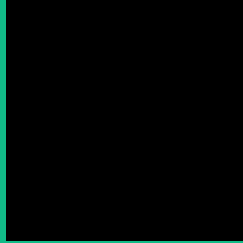
Any Text WCAG AA ✓ Pass

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 4279352199 Background



This preview shows how black text looks on a background with the Android color 4279352199.

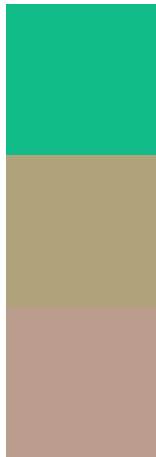


This preview shows how white text looks on a background with the Android color 4279352199.

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



Original Color
4279352199

Protanopia
4289700732

Deuteranopia
4290485646

Trichromacy



Original Color

4279352199



Protanomaly

4285967488



Deuteranomaly

4286425227



Tritanomaly

4281251501

Monochromacy



Original Color

4279352199



Achromatopsia

4286743170



Achromatomaly

4284061572

CSS Examples

Text

The CSS property to change the color of the text to Android 4279352199 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(17, 187, 135)` looks like.

```
.text, #text, p{  
    color:rgb(17, 187, 135)  
}
```

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(17, 187, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 187, 135) }
```

Border

The CSS property to change the border of an element to Android 4279352199 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(17, 187, 135) }
```

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

```
.border{ border-color:rgb(17, 187, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 187, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 187, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 187, 135);  
box-shadow:4px 4px 4px 4px rgb(17, 187,  
135) }
```

Background

The CSS property to change the background color of an element to Android 4279352199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 187, 135) }
```

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

```
.background{ background-color: rgb(17, 187,  
135) }
```

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