

Converting Colors

Android(4281649809)

Have a look what the booklet for
Android(4281649809) contains.

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Color

Android(4281649809)

Conversions

Conversions Part 1

Format	Color
Hex	34CA91
RGB	52, 202, 145
RGB Percent	20%, 79%, 57%
CMY	0.7961, 0.2078, 0.4314
CMYK	0.74, 0.00, 0.28, 0.21
HSL	157°, 59%, 50%
HSV	157°, 74%, 79%
XYZ	27.6475, 45.0155, 34.0197
YIQ	150.6520, -71.1030, -49.5270

Conversions

Conversions Part 2

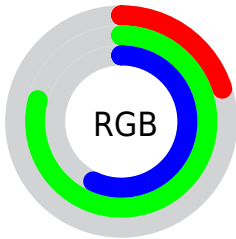
Format	Color
RYB	52, 145, 202
Decimal	3459729
CIELab	72.90, -51.91, 17.57
CIELCh	73, 54.800, 161.303
Yxy	45.0155, 0.2592, 0.4220
Android (android.graphics.Color)	4281649809 (0xFF34CA91)
YUV	150.6520, -2.7864, -86.5178
Hunter-Lab	67.0936, -43.8584, 16.9025

Details

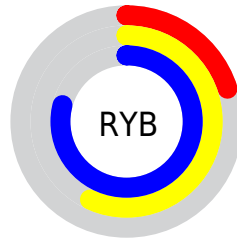
The Android color **4281649809** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **4291441773**, and the grayscale version is **4288124823**.

A 20% lighter version of the original color is **4286119879**, and **4278227806** is the 20% darker color. If you saturate the color by 10%, you get **4280339081**, and if you desaturate by 10%, it is **4282960537**.

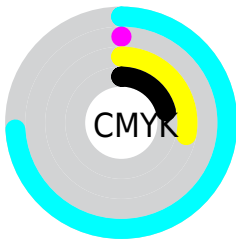
Distribution



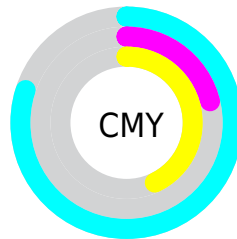
- Red (20%)
- Green (79%)
- Blue (57%)



- Red (20%)
- Yellow (57%)
- Blue (79%)



- Cyan (74%)
- Magenta (0%)
- Yellow (28%)
- Black (21%)



- Cyan (80%)
- Magenta (21%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281649809 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 4281649809 by changing the saturation by 10% instead.



4281649809



4281649809

4294967295



4278234743



4286119879



4278227806



4288085987



4278220870



4290052095



4278214192



4292018175



4278207770



4294049791



4278202113



4278194688



4278190080



4281649809



4281649809

 4280339081

 4282960537

 4279028354

 4284271264

 4278241917

 4285647528

 4286958256

 4288268983

 4289579711

 4290890439

 4292266702

 4293577430

Harmonies

Analogous

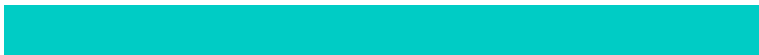
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4287087460



4281649809



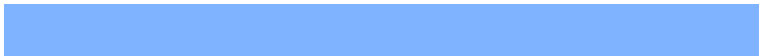
4278242501

Triad

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



4281649809



4286558975



4294939507

Complementary

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



4281649809



4291441773

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.



4294936738



4281649809



4291796735

Square

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



4281649809



4278239743



4294938068



4293567826

Rectangle

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



4281649809



4278242278



4294938068



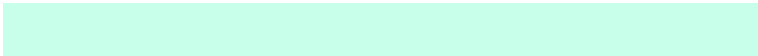
4294938242

Sweetspot

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



4281649809



4291297258



4285450804



4284383347



4278190080



4286611584

Same Dimension

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



4281649809



4280090537



4281645258



4284245602



4278232679



4278199832

Inverse Universe

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



4291441773



4294909042



4291446324



4284898400



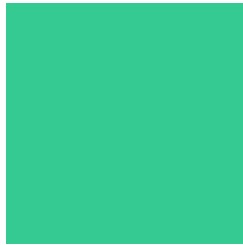
4289069119



4280680463

Previews

White Background



This preview shows how the Android color 4281649809 looks on a white background.

Color Contrast Check

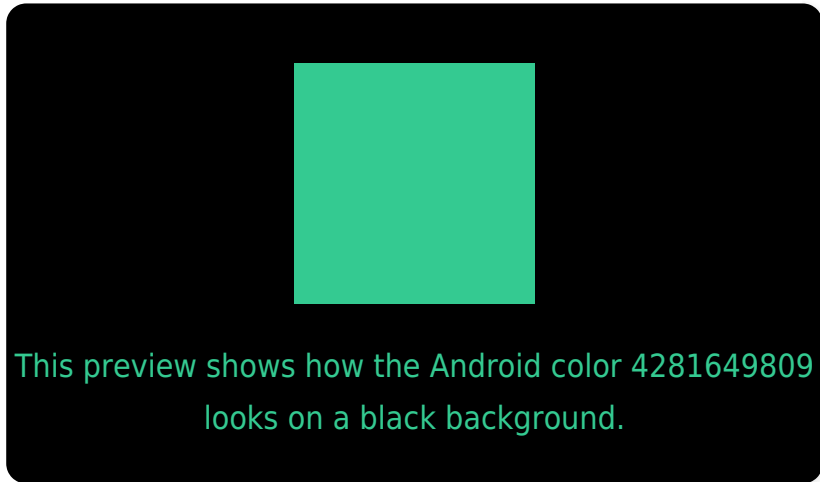
Large Text (above 18pt) WCAG AA × Fail

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 4281649809 Background



This preview shows how black text looks on a background with the Android color 4281649809.



This preview shows how white text looks on a background with the Android color 4281649809.

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

4281649809



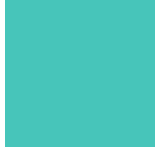
Protanomaly

4287412874



Deuteranomaly

4288001685



Tritanomaly

4282893754

Monochromacy



Original Color

4281649809



Achromatopsia

4288124823



Achromatomaly

4285770389

CSS Examples

Text

The CSS property to change the color of the text to Android 4281649809 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(52, 202, 145)` looks like.

```
.text, #text, p{  
    color:rgb(52, 202, 145)  
}
```

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(52, 202, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 202, 145) }
```

Border

The CSS property to change the border of an element to Android 4281649809 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(52, 202, 145) }
```

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

```
.border{ border-color:rgb(52, 202, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 202, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 202, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 202, 145);  
box-shadow:4px 4px 4px 4px rgb(52, 202,  
145) }
```

Background

The CSS property to change the background color of an element to Android 4281649809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 202, 145) }
```

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

```
.background{ background-color: rgb(52, 202,  
145) }
```

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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