

Converting Colors

Android(4281052851)

Have a look what the booklet for
Android(4281052851) contains.

Android(4281052851)	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(4281052851)

Conversions

Conversions Part 1

Format	Color
Hex	2BAEB3
RGB	43, 174, 179
RGB Percent	17%, 68%, 70%
CMY	0.8314, 0.3176, 0.2980
CMYK	0.76, 0.03, 0.00, 0.30
HSL	182°, 61%, 44%
HSV	182°, 76%, 70%
XYZ	24.2690, 34.0404, 47.9392
YIQ	135.4010, -79.6810, -26.2170

Conversions

Conversions Part 2

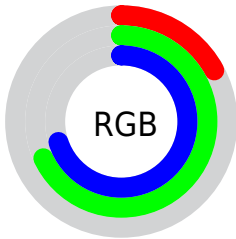
Format	Color
R _Y B	43, 110, 179
Decimal	2862771
CIE Lab	64.99, -31.91, -12.50
CIE LCh	65, 34.272, 201.400
Yxy	34.0404, 0.2284, 0.3204
Android (android.graphics.Color)	4281052851 (0xFF2BAEB3)
YUV	135.4010, 21.4943, -81.0357
Hunter-Lab	58.3441, -27.8528, -7.8755

Details

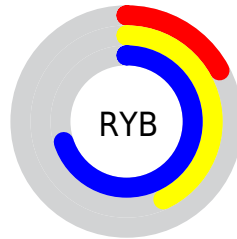
The Android color **4281052851** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **4289933355**, and the grayscale version is **4287072135**.

A 20% lighter version of the original color is **4285589227**, and **4278221182** is the 20% darker color. If you saturate the color by 10%, you get **4279872947**, and if you desaturate by 10%, it is **4282232755**.

Distribution



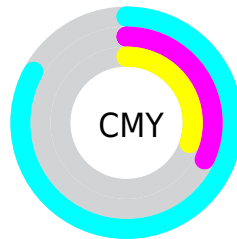
- Red (17%)
- Green (68%)
- Blue (70%)



- Red (17%)
- Yellow (43%)
- Blue (70%)



- Cyan (76%)
- Magenta (3%)
- Yellow (0%)
- Black (30%)



- Cyan (83%)
- Magenta (32%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281052851 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 4281052851 by changing the saturation by 10% instead.



4281052851



4281052851

4294967295



4278227864



4285589227



4278221182



4287561727



4278214757



4289527807



4278208333



4291493887



4278202423



4293525503



4278197025



4278190089



4278190080



4281052851



4281052851

■ 4279872947

■ 4282232755

■ 4278693299

■ 4283412403

■ 4278234291

■ 4284592307

■ 4285772211

■ 4286951859

■ 4288066227

■ 4289246131

■ 4290425779

■ 4291605683

Harmonies

Analogous

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



4283608724



4281052851



4281445325

Triad

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



4281052851



4290547396



4290419041

Complementary

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



4281052851



4289933355

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.



4291858031



4281052851



4292118440

Square

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



4281052851



4287994327



4292511625



4288455524

Rectangle

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



4281052851



4283606743



4292511625



4291007844

Sweetspot

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



4281052851



4289980136



4281054000



4283724917



4294309365



4285887861

Same Dimension

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



4281052851



4279623912



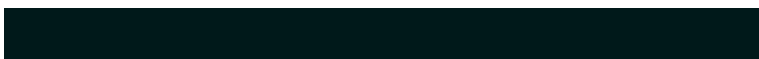
4281035443



4283455833



4278227865



4278196506

Inverse Universe

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



4289932206



4293400032



4289950763



4284043353



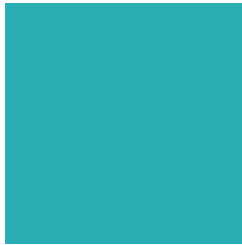
4288217235



4279894041

Previews

White Background



This preview shows how the Android color 4281052851 looks on a white background.

Color Contrast Check

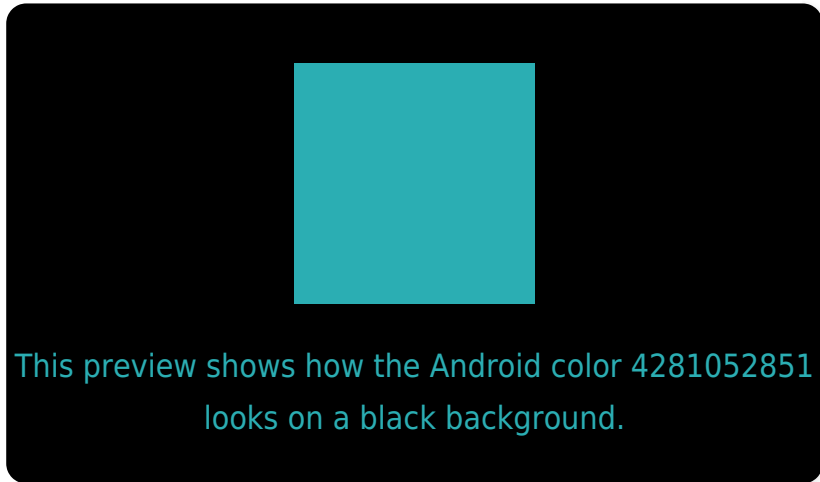
Large Text (above 18pt) WCAG AA × Fail

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 4281052851 Background



This preview shows how black text looks on a background with the Android color 4281052851.



This preview shows how white text looks on a background with the Android color 4281052851.

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
4281052851



Protanomaly
4285768619



Deuteranomaly
4285899190



Tritanomaly
4281314744

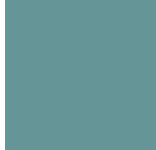
Monochromacy



Original Color
4281052851



Achromatopsia
4287072135



Achromatomaly
4284913047

CSS Examples

Text

The CSS property to change the color of the text to Android 4281052851 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(43, 174, 179)` looks like.

```
.text, #text, p{  
    color:rgb(43, 174, 179)  
}
```

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(43, 174, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 174, 179) }
```

Border

The CSS property to change the border of an element to Android 4281052851 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(43, 174, 179) }
```

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

```
.border{ border-color:rgb(43, 174, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 174, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 174, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 174, 179);  
box-shadow:4px 4px 4px 4px rgb(43, 174,  
179) }
```

Background

The CSS property to change the background color of an element to Android 4281052851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 174, 179) }
```

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

```
.background{ background-color: rgb(43, 174,  
179) }
```

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