

Converting Colors

Android(4281054081)

Have a look what the booklet for
Android(4281054081) contains.

Android(4281054081)	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(4281054081)

Conversions

Conversions Part 1

Format	Color
Hex	2BB381
RGB	43, 179, 129
RGB Percent	17%, 70%, 51%
CMY	0.8314, 0.2980, 0.4941
CMYK	0.76, 0.00, 0.28, 0.30
HSL	158°, 61%, 44%
HSV	158°, 76%, 70%
XYZ	21.0788, 34.3388, 26.2860
YIQ	132.6360, -65.0060, -44.3820

Conversions

Conversions Part 2

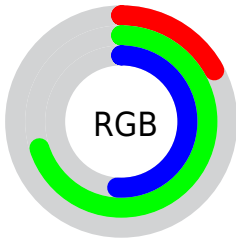
Format	Color
RYB	43, 126, 179
Decimal	2864001
CIELab	65.23, -47.48, 15.52
CIELCh	65, 49.955, 161.900
Yxy	34.3388, 0.2580, 0.4203
Android (android.graphics.Color)	4281054081 (0xFF2BB381)
YUV	132.6360, -1.7925, -78.6108
Hunter-Lab	58.5993, -38.3404, 14.4237

Details

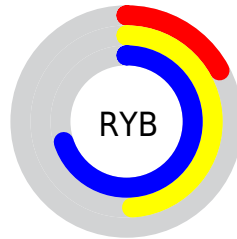
The Android color **4281054081** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **4289932125**, and the grayscale version is **4286940549**.

A 20% lighter version of the original color is **4285394102**, and **4278222160** is the 20% darker color. If you saturate the color by 10%, you get **4279874426**, and if you desaturate by 10%, it is **4282233736**.

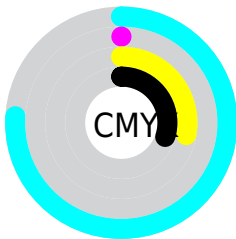
Distribution



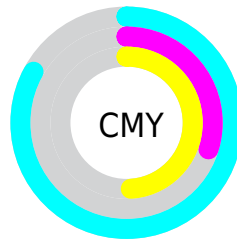
- Red (17%)
- Green (70%)
- Blue (51%)



- Red (17%)
- Yellow (49%)
- Blue (70%)



- Cyan (76%)
- Magenta (0%)
- Yellow (28%)
- Black (30%)



- Cyan (83%)
- Magenta (30%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281054081 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 4281054081 by changing the saturation by 10% instead.



4281054081



4281054081

4294967295



4278229096



4285394102



4278222160



4287365074



4278215480



4289331182



4278209059



4291231743



4278203149



4293197823



4278196992



4278190080



4281054081



4281054081



4279874426



4282233736

■ 4278694772

■ 4283413390

■ 4278236017

■ 4284593045

■ 4285772699

■ 4286952354

■ 4288066472

■ 4289246127

■ 4290425782

■ 4291605436

Harmonies

Analogous

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



4285967705



4281054081



4278236591

Triad

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



4281054081



4285701622



4293558885

Complementary

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



4281054081



4289932125

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.



4294080654



4281054081



4290350049

Square

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



4281054081



4278234099



4293098683



4291793480

Rectangle

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



4281054081



4278236364



4293098683



4293885298

Sweetspot

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



4281054081



4289980628



4284461867



4283725161



4294309365



4285887861

Same Dimension

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



4281054081



4279625882



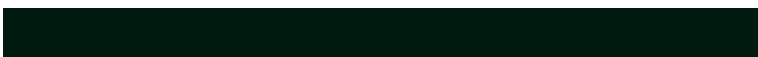
4281050035



4283455830



4278229345



4278196752

Inverse Universe

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



4289932125



4293399907



4289936171



4284043348



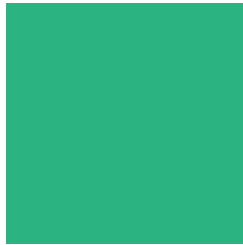
4288217144



4279894025

Previews

White Background



This preview shows how the Android color 4281054081 looks on a white background.

Color Contrast Check

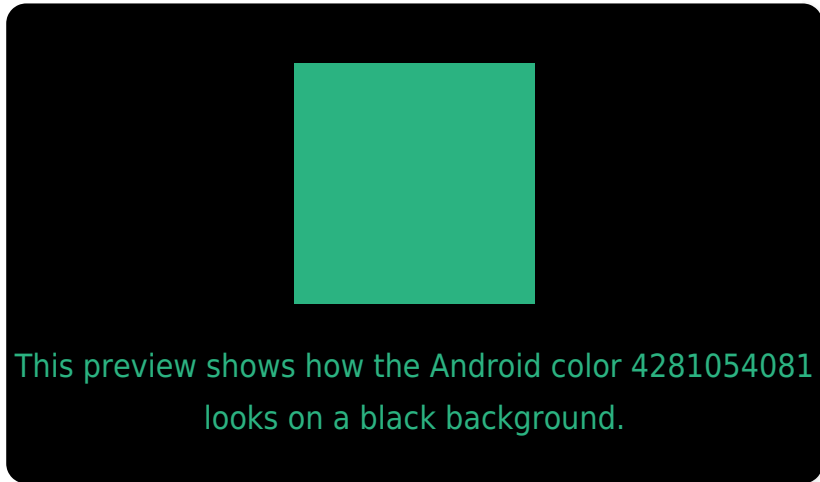
Large Text (above 18pt) WCAG AA × Fail

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

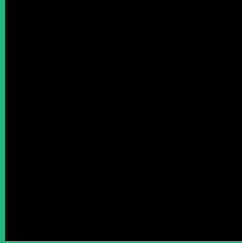
Any Text WCAG AA ✓ Pass

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 4281054081 Background



This preview shows how black text looks on a background with the Android color 4281054081.



This preview shows how white text looks on a background with the Android color 4281054081.

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
4281054081

Protanopia
4289240439

Deuteranopia
4290025351

Trichromacy



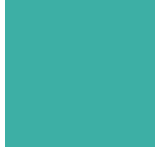
Original Color
4281054081



Protanomaly
4286293371



Deuteranomaly
4286751109



Tritanomaly
4282232741

Monochromacy



Original Color
4281054081



Achromatopsia
4286940549



Achromatomaly
4284782212

CSS Examples

Text

The CSS property to change the color of the text to Android 4281054081 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, 179, 129)` looks like.

```
.text, #text, p{  
    color:rgb(43, 179, 129)  
}
```

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, 179, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 179, 129) }
```

Border

The CSS property to change the border of an element to Android 4281054081 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, 179, 129) }
```

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

```
.border{ border-color:rgb(43, 179, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 179, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 179, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 179, 129);  
box-shadow:4px 4px 4px 4px rgb(43, 179,  
129) }
```

Background

The CSS property to change the background color of an element to Android 4281054081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 179, 129) }
```

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

```
.background{ background-color: rgb(43, 179,  
129) }
```

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