

# Converting Colors

Android(4281055381)

Have a look what the booklet for  
Android(4281055381) contains.

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# **Color**

**Android(4281055381)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2BB895
RGB	43, 184, 149
RGB Percent	17%, 72%, 58%
CMY	0.8314, 0.2784, 0.4157
CMYK	0.77, 0.00, 0.19, 0.28
HSL	165°, 62%, 45%
HSV	165°, 77%, 72%
XYZ	23.5616, 36.9645, 34.3268
YIQ	137.8510, -72.8010, -40.7770

# Conversions

## Conversions Part 2

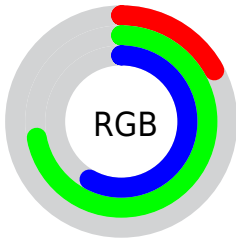
Format	Color
<a href="#">RYB</a>	<a href="#">43, 123, 184</a>
Decimal	<a href="#">2865301</a>
CIELab	<a href="#">67.25, -44.74, 7.42</a>
CIElCh	<a href="#">67, 45.355, 170.590</a>
Yxy	<a href="#">36.9645, 0.2484, 0.3897</a>
Android (android.graphics.Color)	<a href="#">4281055381 (0xFF2BB895)</a>
YUV	<a href="#">137.8510, 5.4965, -83.1843</a>
Hunter-Lab	<a href="#">60.7984, -37.2221, 9.0838</a>

# Details

The Android color `4281055381` is a dark color, and the websafe version is hex `33CC99`. A complement of this color would be `4290259790`, and the grayscale version is `4287269514`.

A 20% lighter version of the original color is `4285526475`, and `4278223458` is the 20% darker color. If you saturate the color by 10%, you get `4279875728`, and if you desaturate by 10%, it is `4282235034`.

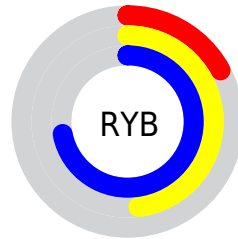
# Distribution



Red (17%)

Green (72%)

Blue (58%)



Red (17%)

Yellow (48%)

Blue (72%)

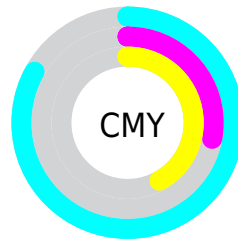


Cyan (77%)

Magenta (0%)

Yellow (19%)

Black (28%)



Cyan (83%)

Magenta (28%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281055381 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 4281055381 by changing the saturation by 10% instead.





4281055381



4281055381

4294967295



4278230395



4285526475



4278223458



4287496167



4278216779



4289462271



4278210356



4291428351



4278204191



4293394431



4278198535



4278190080



4281055381



4281055381



4279875728



4282235034

■ 4278630540

■ 4283480222

■ 4278237322

■ 4284659875

■ 4285905063

■ 4287084716

■ 4288264368

■ 4289509557

■ 4290689210

■ 4291934398

# Harmonies

## Analogous

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



4285641582



4281055381



4278237631

# Triad

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



4281055381



4287864560



4293234278

# Complementary

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



4281055381



4290259790

# 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.



4294018185



4281055381



4291464920

# Square

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



4281055381



4282297588



4293493682



4291337554

# Rectangle

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



4281055381



4278237144



4293493682



4293626481



# Sweetspot

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



4281055381



4290375906



4283349035



4283857008



4294440951



4286085240



# Same Dimension

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



4281055381



4279496889



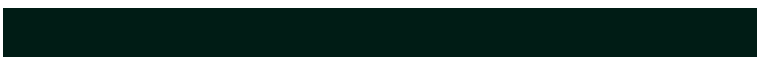
4281046456



4283653210



4278230133



4278197269



# Inverse Universe

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



4290259790



4293923658



4290268715



4284240725



4288413735

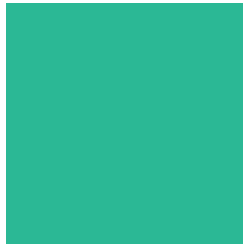


4280025095



# Previews

## White Background



This preview shows how the Android color 4281055381 looks on a white background.

## Color Contrast Check

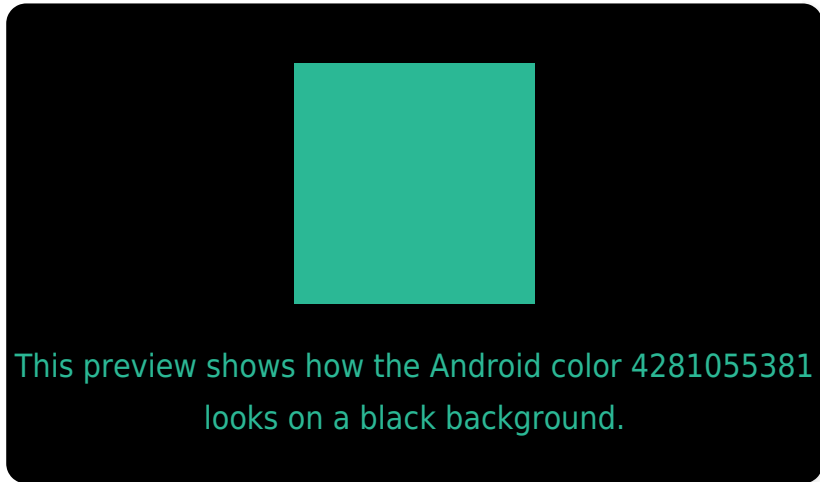
Large Text (above 18pt) WCAG AA × Fail

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 4281055381 Background



This preview shows how black text looks on a background with the Android color 4281055381.

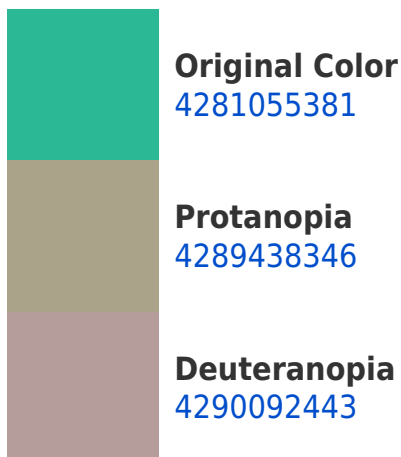


This preview shows how white text looks on a background with the Android color 4281055381.

# 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**  
4281055381



**Protanomaly**  
4286360206



**Deuteranomaly**  
4286818201



**Tritanomaly**  
4282102960

# Monochromacy



**Original Color**  
4281055381



**Achromatopsia**  
4287269514



**Achromatomaly**  
4284980110

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281055381 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, 184, 149)` looks like.

```
.text, #text, p{  
    color:rgb(43, 184, 149)  
}
```

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, 184, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 184, 149) }
```

## Border

The CSS property to change the border of an element to Android 4281055381 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, 184, 149) }
```

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

```
.border{ border-color:rgb(43, 184, 149) }
```

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

Here you see how a box with a 4 pixel rgb(43, 184, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 184, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 184, 149);  
box-shadow:4px 4px 4px 4px rgb(43, 184,  
149) }
```

# Background

The CSS property to change the background color of an element to Android 4281055381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 184, 149) }
```

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

```
.background{ background-color: rgb(43, 184,  
149) }
```

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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