

# Converting Colors

Android(4281975919)

Have a look what the booklet for  
Android(4281975919) contains.

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# **Color**

**Android(4281975919)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39C46F
RGB	57, 196, 111
RGB Percent	22%, 77%, 44%
CMY	0.7765, 0.2314, 0.5647
CMYK	0.71, 0.00, 0.43, 0.23
HSL	143°, 55%, 50%
HSV	143°, 71%, 77%
XYZ	24.2965, 41.4974, 21.7682
YIQ	144.7490, -55.5590, -55.9030

# Conversions

## Conversions Part 2

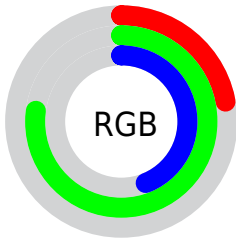
Format	Color
<a href="#">RYB</a>	<a href="#">57, 157, 196</a>
Decimal	<a href="#">3785839</a>
CIELab	<a href="#">70.52, -55.62, 32.23</a>
CIELCh	<a href="#">71, 64.283, 149.907</a>
Yxy	<a href="#">41.4974, 0.2775, 0.4739</a>
Android (android.graphics.Color)	<a href="#">4281975919</a> <a href="#">(0xFF39C46F)</a>
YUV	<a href="#">144.7490, -16.6383, -76.9559</a>
Hunter-Lab	<a href="#">64.4185, -45.4081, 25.0578</a>

# Details

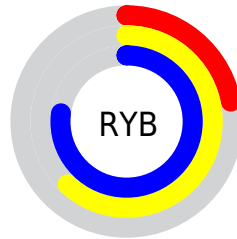
The Android color **4281975919** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **4291049870**, and the grayscale version is **4287730065**.

A 20% lighter version of the original color is **4286250660**, and **4278226238** is the 20% darker color. If you saturate the color by 10%, you get **4280665187**, and if you desaturate by 10%, it is **4283286651**.

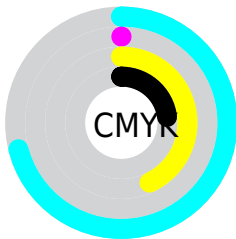
# Distribution



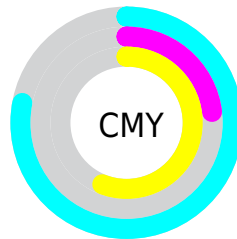
- Red (22%)
- Green (77%)
- Blue (44%)



- Red (22%)
- Yellow (62%)
- Blue (77%)



- Cyan (71%)
- Magenta (0%)
- Yellow (43%)
- Black (23%)



- Cyan (78%)
- Magenta (23%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281975919 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 4281975919 by changing the saturation by 10% instead.





4281975919



4281975919

4294967295



4278233174



4286250660



4278226238



4288151487



4278219302



4290117595



4278212877



4292083704



4278206464



4294049791



4278200576



4278191104



4278190080



4281975919



4281975919

■ 4280665187

■ 4283286651

■ 4279419991

■ 4284531847

■ 4278240332

■ 4285842579

■ 4287087775

■ 4288398507

■ 4289709239

■ 4290954435

■ 4292265167

■ 4293510363

# Harmonies

## Analogous

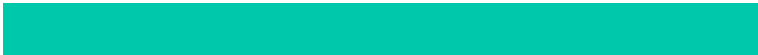
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4287740479



4281975919



4278241450

# Triad

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



4281975919



4278236159



4294934134

# Complementary

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



4281975919



4291049870

# 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.



4294932143



4281975919



4289502719

# Square

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



4281975919



4278239743



4294149352



4294546246

# Rectangle

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



4281975919



4278241747



4294149352



4294932872

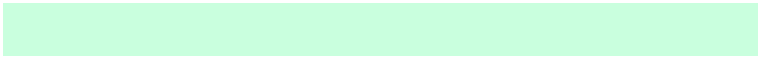


# Sweetspot

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



4281975919



4291428318



4287611961



4284514412



4278190080



4286611584



# Same Dimension

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



4281975919



4280745850



4281975988



4283916635



4278231358



4278198541



# Inverse Universe

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



4291049870



4294911659



4291049801



4284569437



4288741474

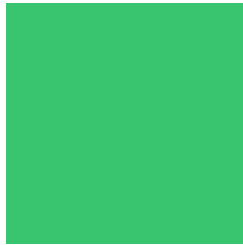


4280352788



# Previews

## White Background



This preview shows how the Android color 4281975919 looks on a white background.

## Color Contrast Check

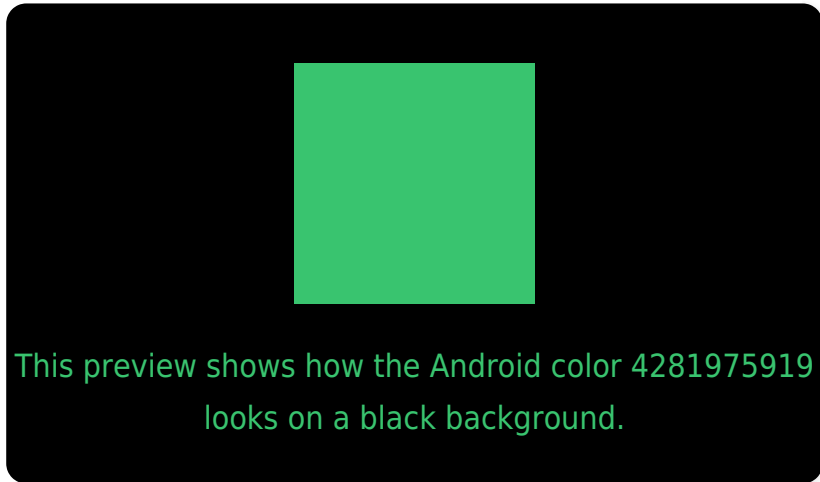
Large Text (above 18pt) WCAG AA × Fail

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 4281975919 Background



This preview shows how black text looks on a background with the Android color 4281975919.

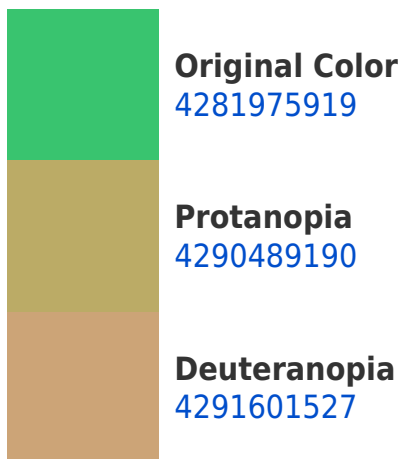


This preview shows how white text looks on a background with the Android color 4281975919.

# 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**

4281975919



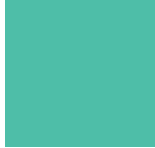
**Protanomaly**

4287411305



**Deuteranomaly**

4288131188



**Tritanomaly**

4283350696

# Monochromacy



**Original Color**

4281975919



**Achromatopsia**

4287730065



**Achromatomaly**

4285637765

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281975919 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(57, 196, 111)` looks like.

```
.text, #text, p{  
    color:rgb(57, 196, 111)  
}
```

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(57, 196, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 196, 111) }
```

## Border

The CSS property to change the border of an element to Android 4281975919 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(57, 196, 111) }
```

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

```
.border{ border-color:rgb(57, 196, 111) }
```

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

Here you see how a box with a 4 pixel rgb(57, 196, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 196, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 196, 111);  
box-shadow:4px 4px 4px 4px rgb(57, 196,  
111) }
```

# Background

The CSS property to change the background color of an element to Android 4281975919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 196, 111) }
```

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

```
.background{ background-color: rgb(57, 196,  
111) }
```

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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