

# Converting Colors

Android(4281973947)

Have a look what the booklet for  
Android(4281973947) contains.

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**Color**

**Android(4281973947)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39BCBB
RGB	57, 188, 187
RGB Percent	22%, 74%, 73%
CMY	0.7765, 0.2627, 0.2667
CMYK	0.70, 0.00, 0.01, 0.26
HSL	180°, 53%, 48%
HSV	180°, 70%, 74%
XYZ	28.6402, 40.4242, 53.3069
YIQ	148.7170, -77.7550, -28.0830

# Conversions

## Conversions Part 2

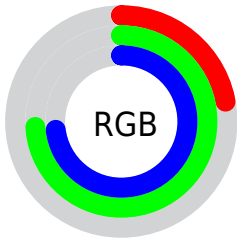
Format	Color
<a href="#">RYB</a>	<a href="#">57, 123, 188</a>
Decimal	<a href="#">3783867</a>
CIELab	<a href="#">69.77, -34.49, -9.75</a>
CIELCh	<a href="#">70, 35.843, 195.783</a>
Yxy	<a href="#">40.4242, 0.2340, 0.3303</a>
Android (android.graphics.Color)	<a href="#">4281973947 (0xFF39BCBB)</a>
YUV	<a href="#">148.7170, 18.8735, -80.4358</a>
Hunter-Lab	<a href="#">63.5800, -30.8580, -5.2040</a>

# Details

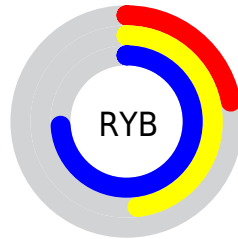
The Android color `4281973947` is a dark color, and the websafe version is hex `33CCCC`. A complement of this color would be `4290525498`, and the grayscale version is `4287993237`.

A 20% lighter version of the original color is `4286313971`, and `4278224518` is the 20% darker color. If you saturate the color by 10%, you get `4280728763`, and if you desaturate by 10%, it is `4283219131`.

# Distribution



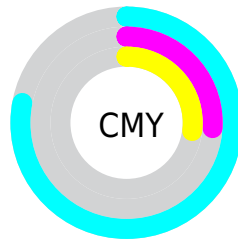
- Red (22%)
- Green (74%)
- Blue (73%)



- Red (22%)
- Yellow (48%)
- Blue (74%)



- Cyan (70%)
- Magenta (0%)
- Yellow (1%)
- Black (26%)



- Cyan (78%)
- Magenta (26%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281973947 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 4281973947 by changing the saturation by 10% instead.





4281973947



4281973947

4294967295



4278231456



4286313971



4278224518



4288282623



4278217837



4290248703



4278211412



4292214783



4278205245



4294246399



4278199847



4278190356



4278190080



4281973947



4281973947

■ 4280728763

■ 4283219131

■ 4279483579

■ 4284464315

■ 4278303931

■ 4285643963

■ 4278238395

■ 4286889148

■ 4288134332

■ 4289379516

■ 4290624700

■ 4291804348

■ 4293049532

# Harmonies

## Analogous

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



4284660633



4281973947



4281579992

# Triad

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



4281973947



4291075288



4291732332

# Complementary

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



4281973947



4290525498

# 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.



4293105789



4281973947



4292907963

# Square

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



4281973947



4288194793



4293628570



4289703531

# Rectangle

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



4281973947



4283545061



4293628570



4292255600

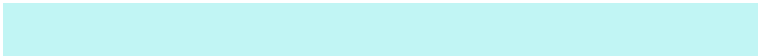


# Sweetspot

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



4281973947



4290901492



4282104889



4284250746



4294638330



4286216826



# Same Dimension

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



4281973947



4280808947



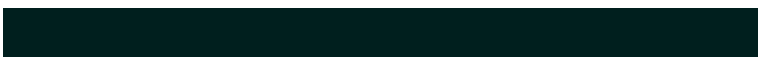
4281957820



4283784798



4278230685



4278198046



# Inverse Universe

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



4290525498



4294256425



4290541625



4284372309



4288544769

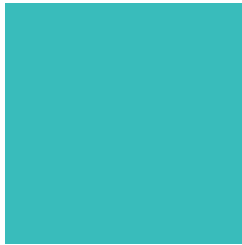


4280221696



# Previews

## White Background



This preview shows how the Android color 4281973947 looks on a white background.

## Color Contrast Check

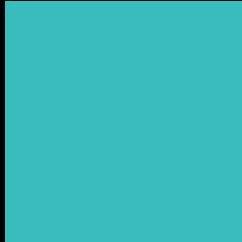
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4281973947 looks on a 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

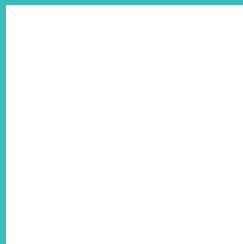
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281973947 Background



This preview shows how black text looks on a background with the Android color 4281973947.



This preview shows how white text looks on a background with the Android color 4281973947.

# 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**

4281973947



**Protanomaly**

4286689203



**Deuteranomaly**

4286885310



**Tritanomaly**

4282301380

# Monochromacy



**Original Color**

4281973947



**Achromatopsia**

4287993237



**Achromatomaly**

4285834147

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281973947 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, 188, 187)` looks like.

```
.text, #text, p{  
    color:rgb(57, 188, 187)  
}
```

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, 188, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 188, 187) }
```

## Border

The CSS property to change the border of an element to Android 4281973947 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, 188, 187) }
```

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

```
.border{ border-color:rgb(57, 188, 187) }
```

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

Here you see how a box with a 4 pixel rgb(57, 188, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 188, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 188, 187);  
box-shadow:4px 4px 4px 4px rgb(57, 188,  
187) }
```

# Background

The CSS property to change the background color of an element to Android 4281973947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 188, 187) }
```

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

```
.background{ background-color: rgb(57, 188,  
187) }
```

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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