

# Converting Colors

Android(4281698979)

Have a look what the booklet for  
Android(4281698979) contains.

<b>Android(4281698979)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4281698979)**

# Conversions

## Conversions Part 1

Format	Color
Hex	358AA3
RGB	53, 138, 163
RGB Percent	21%, 54%, 64%
CMY	0.7922, 0.4588, 0.3608
CMYK	0.67, 0.15, 0.00, 0.36
HSL	194°, 51%, 42%
HSV	194°, 67%, 64%
XYZ	17.1675, 21.5782, 37.9105
YIQ	115.4350, -58.6850, -10.2450

# Conversions

## Conversions Part 2

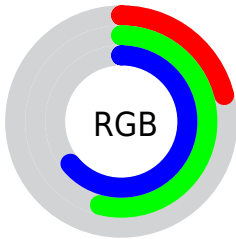
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 101, 163
Decimal	3508899
CIELab	53.58, -17.26, -20.74
CIELCh	54, 26.986, 230.228
Yxy	21.5782, 0.2240, 0.2815
Android (android.graphics.Color)	4281698979 (0xFF358AA3)
YUV	115.4350, 23.4495, -54.7555
Hunter-Lab	46.4523, -15.3227, -15.8709

# Details

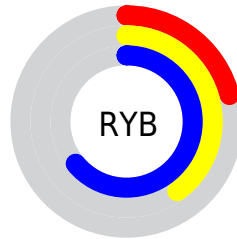
The Android color `4281698979` is a dark color, and the websafe version is hex `0099CC`. A complement of this color would be `4288892469`, and the grayscale version is `4285756275`.

A 20% lighter version of the original color is `4285645018`, and `4278212719` is the 20% darker color. If you saturate the color by 10%, you get `4280649379`, and if you desaturate by 10%, it is `4282748579`.

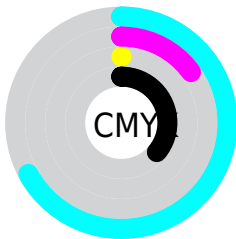
# Distribution



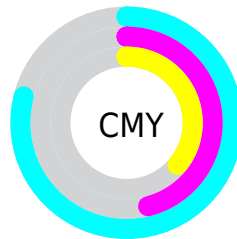
- Red (21%)
- Green (54%)
- Blue (64%)



- Red (21%)
- Yellow (40%)
- Blue (64%)



- Cyan (67%)
- Magenta (15%)
- Yellow (0%)
- Black (36%)



- Cyan (79%)
- Magenta (46%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281698979 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 4281698979 by changing the saturation by 10% instead.





4281698979



4281698979

4294967295



4278808713



4285645018



4278212719



4287486966



4278206551



4289394943



4278200895



4291297279



4278196009



4293197823



4278190356



4278190080



4281698979



4281698979



4280649379



4282748579

■ 4279534499

■ 4283863459

■ 4278484899

■ 4284913059

■ 4278222499

■ 4285962659

■ 4287077795

■ 4288127139

■ 4289176739

■ 4290226339

■ 4291341219

# Harmonies

## Analogous

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



4281503119



4281698979



4283729325

# Triad

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



4281698979



4289294217



4286612308

# Complementary

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



4281698979



4288892469

# 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.



4288117842



4281698979



4289621873

# Square

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



4281698979



4288050590



4289164381



4284844386

# Rectangle

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



4281698979



4285366445



4289164381



4287136082



# Sweetspot

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



4281698979



4289317588



4281705293



4283524459



4293651435



4285229931



# Same Dimension

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



4281698979



4280856020



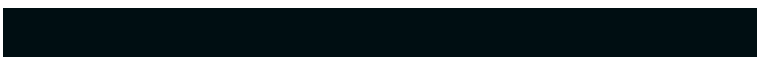
4281685155



4282994770



4278218897



4278193682



# Inverse Universe

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



4288886154



4292094125



4288906293



4283582800



4287692912



4279369742



# Previews

## White Background



This preview shows how the Android color 4281698979 looks on a white background.

## Color Contrast Check

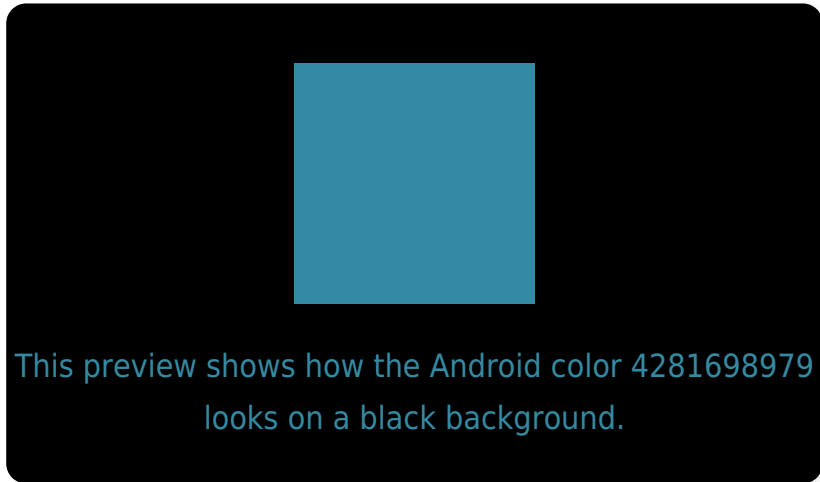
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



# Android 4281698979 Background



This preview shows how black text looks on a background with the Android color 4281698979.



This preview shows how white text looks on a background with the Android color 4281698979.

# 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**  
4281698979

**Protanomaly**  
4284514974

**Deuteranomaly**  
4284449445

**Tritanomaly**  
4281437083

# Monochromacy



**Original Color**  
4281698979

**Achromatopsia**  
4285756275

**Achromatomaly**  
4284251012

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281698979 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(53, 138, 163)` looks like.

```
.text, #text, p{  
    color:rgb(53, 138, 163)  
}
```

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(53, 138, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 138, 163) }
```

## Border

The CSS property to change the border of an element to Android 4281698979 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(53, 138, 163) }
```

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

```
.border{ border-color:rgb(53, 138, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 138, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 138, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 138, 163);  
box-shadow:4px 4px 4px 4px rgb(53, 138,  
163) }
```

# Background

The CSS property to change the background color of an element to Android 4281698979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 138, 163) }
```

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

```
.background{ background-color: rgb(53, 138,  
163) }
```

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