

# Converting Colors

Android(4281112197)

Have a look what the booklet for  
Android(4281112197) contains.

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# Color

**Android(4281112197)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2C9685
RGB	44, 150, 133
RGB Percent	17%, 59%, 52%
CMY	0.8275, 0.4118, 0.4784
CMYK	0.71, 0.00, 0.11, 0.41
HSL	170°, 55%, 38%
HSV	170°, 71%, 59%
XYZ	16.1787, 24.0416, 25.9781
YIQ	116.3680, -57.7190, -27.7590

# Conversions

## Conversions Part 2

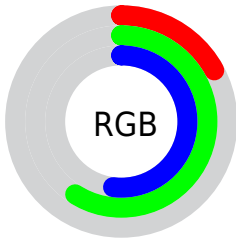
Format	Color
<a href="#">RYB</a>	<a href="#">44, 102, 150</a>
Decimal	<a href="#">2922117</a>
CIELab	<a href="#">56.13, -33.80, 0.32</a>
CIElCh	<a href="#">56, 33.803, 179.464</a>
Yxy	<a href="#">24.0416, 0.2444, 0.3632</a>
Android (android.graphics.Color)	<a href="#">4281112197 (0xFF2C9685)</a>
YUV	<a href="#">116.3680, 8.1996, -63.4667</a>
Hunter-Lab	<a href="#">49.0323, -26.9086, 2.9098</a>

# Details

The Android color `4281112197` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4288031805`, and the grayscale version is `4285822068`.

A 20% lighter version of the original color is `4285124026`, and `4278215252` is the 20% darker color. If you saturate the color by 10%, you get `4280129155`, and if you desaturate by 10%, it is `4282095239`.

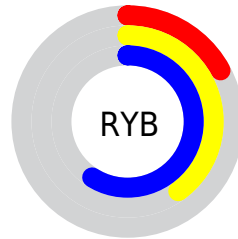
# Distribution



Red (17%)

Green (59%)

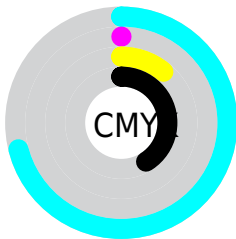
Blue (52%)



Red (17%)

Yellow (40%)

Blue (59%)

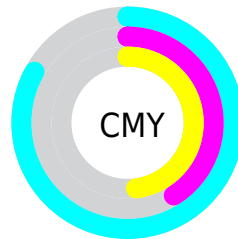


Cyan (71%)

Magenta (0%)

Yellow (11%)

Black (41%)



Cyan (83%)

Magenta (41%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281112197 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 4281112197 by changing the saturation by 10% instead.





4281112197



4281112197

4294967295



4278221932



4285124026



4278215252



4287031766



4278209085



4288872434



4278202919



4290772991



4278197778



4292673535



4278190080



4294639615



4281112197



4281112197



4280129155



4282095239

■ 4279146112

■ 4283078282

■ 4278228606

■ 4284061324

■ 4285044367

■ 4286027409

■ 4287010451

■ 4287993494

■ 4288976536

■ 4289959579

# Harmonies

## Analogous

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



4283994984



4281112197



4278228386

# Triad

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



4281112197



4287201210



4289821269

# Complementary

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



4281112197



4288031805

# 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.



4290671211



4281112197



4289426853

# Square

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



4281112197



4284058305



4290604936



4288316747

# Rectangle

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



4281112197



4278227890



4290604936



4290213723



# Sweetspot

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



4281112197



4288266939



4282291756



4282999133



4292927712



4284572001



# Same Dimension

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



4281112197



4280140455



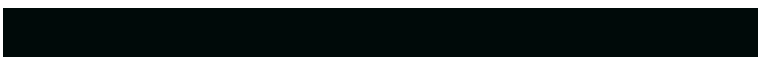
4281103254



4282600009



4278225524



4278192649



# Inverse Universe

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



4288031805



4290911543



4288040748



4283056964



4287234070

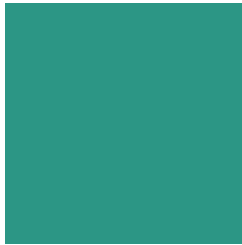


4278845442



# Previews

## White Background



This preview shows how the Android color 4281112197 looks on a white background.

## Color Contrast Check

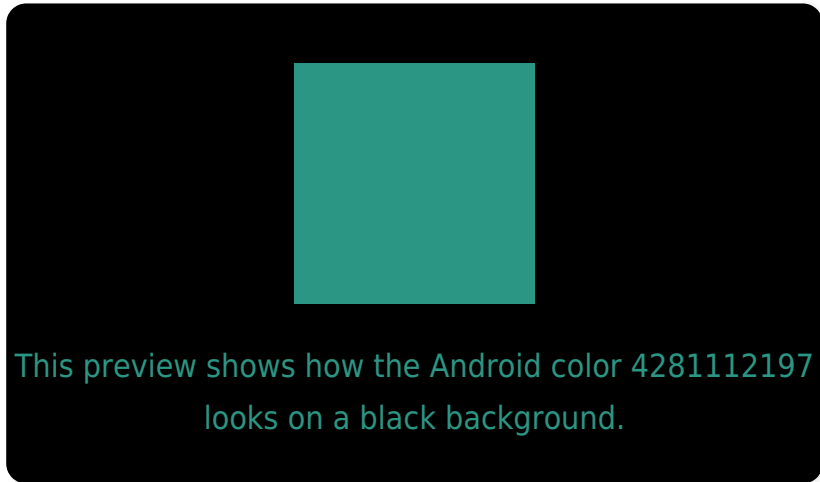
Large Text (above 18pt) WCAG AA ✓ Pass

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

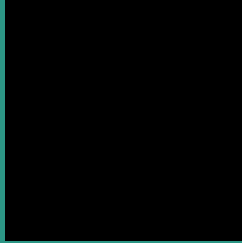
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4281112197 Background



This preview shows how black text looks on a background with the Android color 4281112197.



This preview shows how white text looks on a background with the Android color 4281112197.

# 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



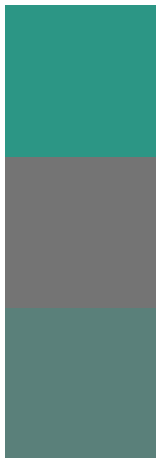
**Original Color**  
4281112197

**Protanomaly**  
4285041535

**Deuteranomaly**  
4285303176

**Tritanomaly**  
4281635733

# Monochromacy



**Original Color**  
4281112197

**Achromatopsia**  
4285822068

**Achromatomaly**  
4284121210

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281112197 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(44, 150, 133)` looks like.

```
.text, #text, p{  
    color:rgb(44, 150, 133)  
}
```

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(44, 150, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 150, 133) }
```

## Border

The CSS property to change the border of an element to Android 4281112197 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(44, 150, 133) }
```

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

```
.border{ border-color:rgb(44, 150, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 150, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 150, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 150, 133);  
box-shadow:4px 4px 4px 4px rgb(44, 150,  
133) }
```

# Background

The CSS property to change the background color of an element to Android 4281112197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 150, 133) }
```

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

```
.background{ background-color: rgb(44, 150,  
133) }
```

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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