

# Converting Colors

Android(4281239198)

Have a look what the booklet for  
Android(4281239198) contains.

<b>Android(4281239198)</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(4281239198)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2E869E
RGB	46, 134, 158
RGB Percent	18%, 53%, 62%
CMY	0.8196, 0.4745, 0.3804
CMYK	0.71, 0.15, 0.00, 0.38
HSL	193°, 55%, 40%
HSV	193°, 71%, 62%
XYZ	15.8234, 20.0997, 35.3934
YIQ	110.4240, -60.1520, -11.1920

# Conversions

## Conversions Part 2

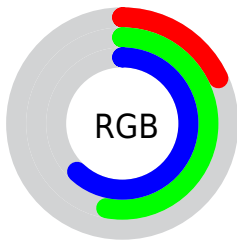
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 95, 158
Decimal	3049118
CIELab	51.95, -17.83, -20.36
CIELCh	52, 27.063, 228.792
Yxy	20.0997, 0.2219, 0.2818
Android (android.graphics.Color)	4281239198 (0xFF2E869E)
YUV	110.4240, 23.4550, -56.4998
Hunter-Lab	44.8326, -15.4568, -15.4240

# Details

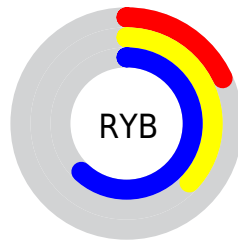
The Android color `4281239198` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `4288562734`, and the grayscale version is `4285427310`.

A 20% lighter version of the original color is `4285250517`, and `4278211691` is the 20% darker color. If you saturate the color by 10%, you get `4280189854`, and if you desaturate by 10%, it is `4282288542`.

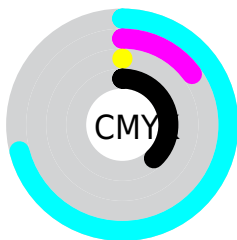
# Distribution



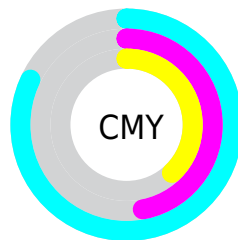
- Red (18%)
- Green (53%)
- Blue (62%)



- Red (18%)
- Yellow (37%)
- Blue (62%)



- Cyan (71%)
- Magenta (15%)
- Yellow (0%)
- Black (38%)




- Cyan (82%)
- Magenta (47%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281239198 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 4281239198 by changing the saturation by 10% instead.



 4281239198

 4281239198

4294967295

 4278218116

 4285250517

 4278211691

 4287092721

 4278205778

 4289000703

 4278200123

 4290904063


 4278193958

 4292804607

 4278190351

 4294770687

 4278190080

 4281239198

 4281239198

 4280189854

 4282288542

■ 4279140254

■ 4283338142

■ 4278221982

■ 4284321950

■ 4285371550

■ 4286420894

■ 4287470238

■ 4288519838

■ 4289503646

■ 4290552990

# Harmonies

## Analogous

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



4281174154



4281239198



4283335081

# Triad

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



4281239198



4288965510



4286414671

# Complementary

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



4281239198



4288562734

# 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.



4287854415



4281239198



4289358702

# Square

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



4281239198



4287721883



4288901210



4284646749

# Rectangle

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



4281239198



4284972201



4288901210



4286938446



# Sweetspot

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



4281239198



4288923087



4281245252



4283327337



4293454056



4285098345



# Same Dimension

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



4281239198



4280265167



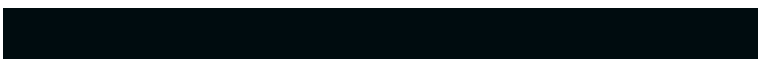
4281225374



4282862927



4278218895



4278193167



# Inverse Universe

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



4288556678



4291764137



4288576558



4283385677



4287561840



4279173132



# Previews

## White Background



This preview shows how the Android color 4281239198 looks on a white background.

## Color Contrast Check

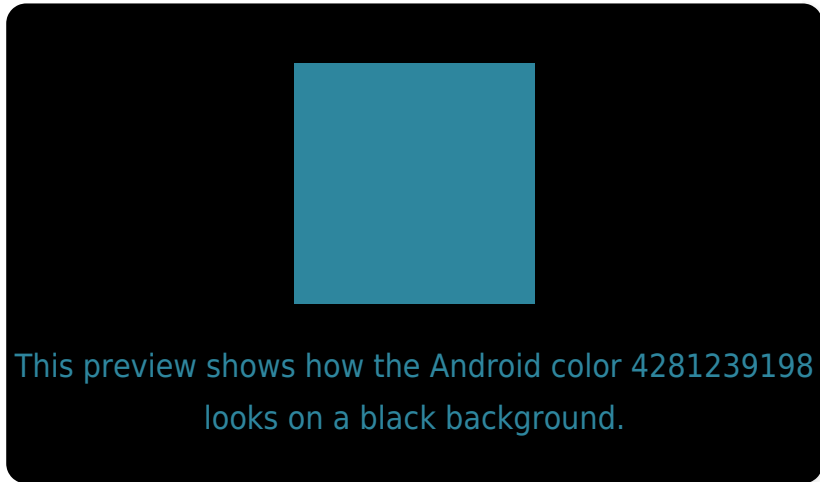
Large Text (above 18pt) WCAG AA ✓ Pass

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

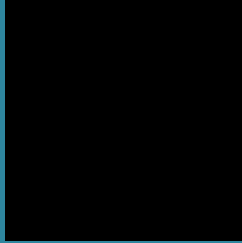
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4281239198 Background



This preview shows how black text looks on a background with the Android color 4281239198.



This preview shows how white text looks on a background with the Android color 4281239198.

# 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**  
4281239198

**Protanomaly**  
4284186265

**Deuteranomaly**  
4284120736

**Tritanomaly**  
4280911767

# Monochromacy



**Original Color**  
4281239198

**Achromatopsia**  
4285427310

**Achromatomaly**  
4283922303

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281239198 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(46, 134, 158)` looks like.

```
.text, #text, p{  
    color:rgb(46, 134, 158)  
}
```

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(46, 134, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 134, 158) }
```

## Border

The CSS property to change the border of an element to Android 4281239198 is called "border". The border property can be set on classes, ids or directly on the HTML element.

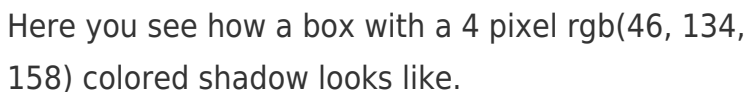
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(46, 134, 158) }
```

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

```
.border{ border-color:rgb(46, 134, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(46, 134, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(46, 134, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(46, 134, 158); box-shadow:4px 4px 4px 4px rgb(46, 134, 158) }
```

# Background

The CSS property to change the background color of an element to Android 4281239198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 134, 158) }
```

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

```
.background{ background-color: rgb(46, 134,  
158) }
```

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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