

# Converting Colors

Android(4281297539)

Have a look what the booklet for  
Android(4281297539) contains.

<b>Android(4281297539)</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(4281297539)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2F6A83
RGB	47, 106, 131
RGB Percent	18%, 42%, 51%
CMY	0.8157, 0.5843, 0.4863
CMYK	0.64, 0.19, 0.00, 0.49
HSL	198°, 47%, 35%
HSV	198°, 64%, 51%
XYZ	10.4231, 12.5511, 23.3460
YIQ	91.2090, -43.1890, -4.7330

# Conversions

## Conversions Part 2

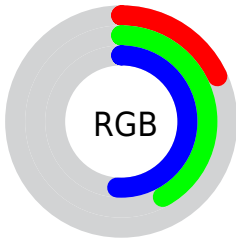
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 82, 131
Decimal	3107459
CIELab	42.08, -11.01, -19.57
CIElCh	42, 22.456, 240.627
Yxy	12.5511, 0.2250, 0.2710
Android (android.graphics.Color)	4281297539 (0xFF2F6A83)
YUV	91.2090, 19.6170, -38.7713
Hunter-Lab	35.4275, -9.4821, -14.2716

# Details

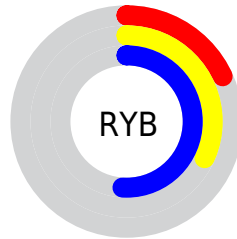
The Android color **4281297539** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4286793775**, and the grayscale version is **4284177243**.

A 20% lighter version of the original color is **4284915128**, and **4278205266** is the 20% darker color. If you saturate the color by 10%, you get **4280444547**, and if you desaturate by 10%, it is **4282150531**.

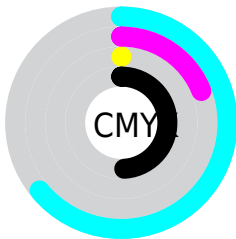
# Distribution



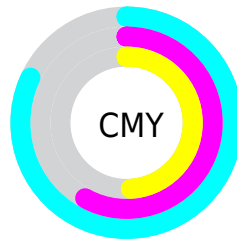
- Red (18%)
- Green (42%)
- Blue (51%)



- Red (18%)
- Yellow (32%)
- Blue (51%)



- Cyan (64%)
- Magenta (19%)
- Yellow (0%)
- Black (49%)




- Cyan (82%)
- Magenta (58%)
- Yellow (49%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281297539 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 4281297539 by changing the saturation by 10% instead.



 4281297539

 4281297539

4294967295

 4278997610

 4284915128

 4278205266

 4286691540

 4278199610

 4288533744

 4278194213


 4290375935

 4278190350

 4292214783

 4278190080

 4294115327

 4281297539

 4281297539

 4280444547

 4282150531

■ 4279591555

■ 4283003523

■ 4278738563

■ 4283856515

■ 4278213763

■ 4284709507

■ 4285627779

■ 4286480771

■ 4287333763

■ 4288186755

■ 4289039747

# Harmonies

## Analogous

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



4280511861



4281297539



4283131272

# Triad

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



4281297539



4286993764



4284246083

# Complementary

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



4281297539



4286793775

# 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.



428555262



4281297539



4287059793

# Square

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



4281297539



4286273654



4286536772



4282805329

# Rectangle

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



4281297539



4284375430



4286536772



4284704320



# Sweetspot

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



4281297539



4287275435



4281303879



4282601815



4292269782



4283914071



# Same Dimension

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



4281297539



4280779947



4281287043



4282138690



4278213506



4278190595



# Inverse Universe

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



4286787434



4289406852



4286804271



4282530880



4286709851



4278386690



# Previews

## White Background



This preview shows how the Android color 4281297539 looks on a white background.

## Color Contrast Check

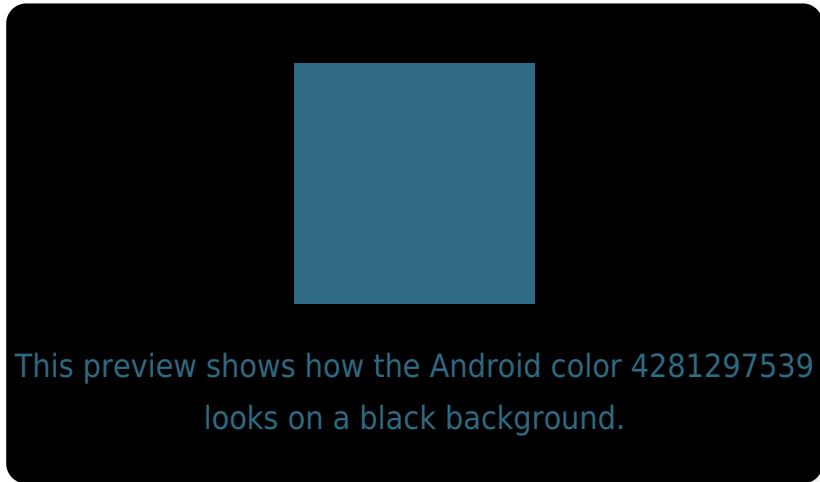
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

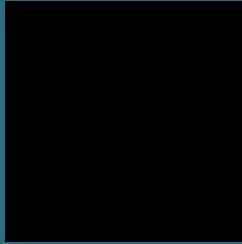
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4281297539 Background



This preview shows how black text looks on a background with the Android color 4281297539.



This preview shows how white text looks on a background with the Android color 4281297539.

# 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



**Original Color**

4281297539

**Protanopia**

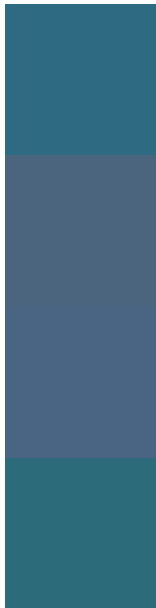
4284244605

**Deuteranopia**

4284047749



# Trichromacy



**Original Color**  
4281297539

**Protanomaly**  
4283196799

**Deuteranomaly**  
4283065476

**Tritanomaly**  
4281035642

# Monochromacy



**Original Color**  
4281297539

**Achromatopsia**  
4284177243

**Achromatomaly**  
4283129962

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281297539 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(47, 106, 131)` looks like.

```
.text, #text, p{  
    color:rgb(47, 106, 131)  
}
```

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(47, 106, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 106, 131) }
```

## Border

The CSS property to change the border of an element to Android 4281297539 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(47, 106, 131) }
```

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

```
.border{ border-color:rgb(47, 106, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 106, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 106, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 106, 131);  
box-shadow:4px 4px 4px 4px rgb(47, 106,  
131) }
```

# Background

The CSS property to change the background color of an element to Android 4281297539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 106, 131) }
```

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

```
.background{ background-color: rgb(47, 106,  
131) }
```

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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