

# Converting Colors

Android(4287921049)

Have a look what the booklet for  
Android(4287921049) contains.

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# Color

**Android(4287921049)**

# Conversions

Conversions Part 1	
Format	Color
Hex	947B99
RGB	148, 123, 153
RGB Percent	58%, 48%, 60%
CMY	0.4196, 0.5176, 0.4000
CMYK	0.03, 0.20, 0.00, 0.40
HSL	290°, 13%, 54%
HSV	290°, 20%, 60%
XYZ	25.0455, 22.7617, 33.2104
YIQ	133.8950, 5.2700, 14.6300

# Conversions

## Conversions Part 2

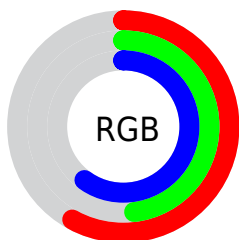
Format	Color
<a href="#">RYB</a>	<a href="#">148, 123, 153</a>
Decimal	<a href="#">9730969</a>
CIELab	<a href="#">54.83, 15.27, -12.51</a>
CIELCh	<a href="#">55, 19.742, 320.662</a>
Yxy	<a href="#">22.7617, 0.3091, 0.2809</a>
Android (android.graphics.Color)	<a href="#">4287921049</a> (0xFF947B99)
YUV	<a href="#">133.8950, 9.4188, 12.3701</a>
Hunter-Lab	<a href="#">47.7092, 10.2143, -7.8753</a>

# Details

The Android color `4287921049` is a dark color, and the websafe version is hex `996699`. A complement of this color would be `4286617979`, and the grayscale version is `4287006342`.

A 20% lighter version of the original color is `4291473615`, and `4284566118` is the 20% darker color. If you saturate the color by 10%, you get `4287720601`, and if you desaturate by 10%, it is `4288121497`.

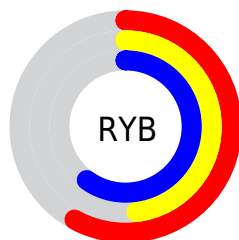
# Distribution



Red (58%)

Green (48%)

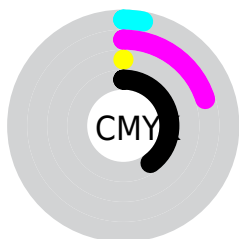
Blue (60%)



Red (58%)

Yellow (48%)

Blue (60%)

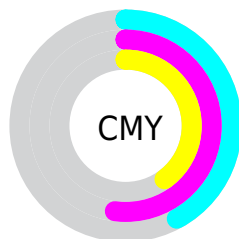


Cyan (3%)

Magenta (20%)

Yellow (0%)

Black (40%)



Cyan (42%)

Magenta (52%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287921049 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 4287921049 by changing the saturation by 10% instead.



 4287921049

 4287921049

4294967295

 4286210687

 4291473615

 4284566118

 4293315564

 4282987342

 4294961151

 4281474615

 4280157986

 4278190089

 4278190080

 4287921049

 4287921049

 4287720601

 4288121497

 4287585433

 4288256665

 4287384985

 4288457113

 4287250073

 4288592025

 4287049625

 4288792729

 4286914457

 4288927641

 4286714009

 4289128089

 4286579097

 4289263001

 4286578841

 4289462169

# Harmonies

## Analogous

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



4286546339



4287921049



4288837513

# Triad

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



4287921049



4287987810



4283665807

# Complementary

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



4287921049



4286617979

# 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.



4284386685



4287921049



4286809699

# Square

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



4287921049



4288772969



4285565549



4283861917

# Rectangle

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



4287921049



4289099646



4285565549



4283796873



# Sweetspot

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



4287921049



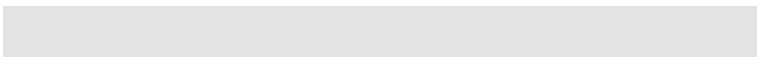
4291148743



4286283929



4284636259



4293125091



4284703587



# Same Dimension

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



4287921049



4290746311



4288248719



4283123021



4285857932



4278910989



# Inverse Universe

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



4288248704



4291270559



4286290309



4283254086



4287365143

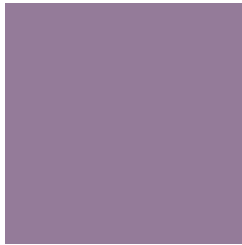


4279042050



# Previews

## White Background



This preview shows how the Android color 4287921049 looks on a white background.

## Color Contrast Check

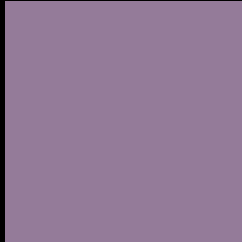
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Android color 4287921049 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 × Fail

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



# Android 4287921049 Background



This preview shows how black text looks on a background with the Android color 4287921049.



This preview shows how white text looks on a background with the Android color 4287921049.

# 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**

4287921049

**Protanopia**

4286415518

**Deuteranopia**


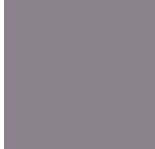
4287004824



# Trichromacy

	<b>Original Color</b> 4287921049
	<b>Protanomaly</b> 4286939036
	<b>Deuteranomaly</b> 4287331992
	<b>Tritanomaly</b> 4287790478

# Monochromacy

	<b>Original Color</b> 4287921049
	<b>Achromatopsia</b> 4287006342
	<b>Achromatomaly</b> 4287333005

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287921049 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(148, 123, 153) looks like.

```
.text, #text, p{  
    color:rgb(148, 123, 153)  
}
```

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(148, 123, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 123, 153) }
```

## Border

The CSS property to change the border of an element to Android 4287921049 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(148, 123, 153) }
```

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

```
.border{ border-color:rgb(148, 123, 153) }
```

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

Here you see how a box with a 4 pixel rgb(148, 123, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 123, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 123, 153);  
box-shadow:4px 4px 4px 4px rgb(148, 123,  
153) }
```

# Background

The CSS property to change the background color of an element to Android 4287921049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 123, 153) }
```

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

```
.background{ background-color: rgb(148,  
123, 153) }
```

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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