

# Converting Colors

Android(4287184059)

Have a look what the booklet for  
Android(4287184059) contains.

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# Color

**Android(4287184059)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	893CBB
RGB	137, 60, 187
RGB Percent	54%, 24%, 73%
CMY	0.4627, 0.7647, 0.2667
CMYK	0.27, 0.68, 0.00, 0.27
HSL	276°, 51%, 48%
HSV	276°, 68%, 73%
XYZ	20.9020, 12.1379, 48.2549
YIQ	97.5010, 5.1250, 55.8210

# Conversions

## Conversions Part 2

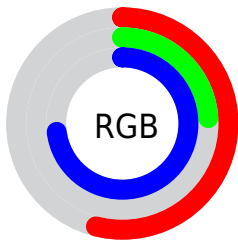
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 60, 187
Decimal	8993979
CIE <sub>Lab</sub>	41.43, 54.24, -53.46
CIE <sub>LCh</sub>	41, 76.155, 315.415
Yxy	12.1379, 0.2571, 0.1493
Android (android.graphics.Color)	4287184059 (0xFF893CBB)
YUV	97.5010, 44.1230, 34.6406
Hunter-Lab	34.8395, 46.1221, -57.7326

# Details

The Android color `4287184059` is a dark color, and the websafe version is hex `9933CC`. A complement of this color would be `4285446972`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4290933236`, and `4283564165` is the 20% darker color. If you saturate the color by 10%, you get `4286720443`, and if you desaturate by 10%, it is `4287647675`.

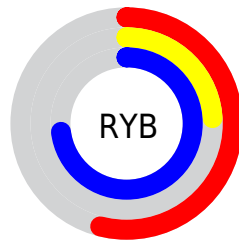
# Distribution



Red (54%)

Green (24%)

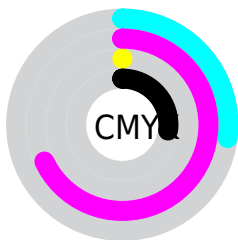
Blue (73%)



Red (54%)

Yellow (24%)

Blue (73%)

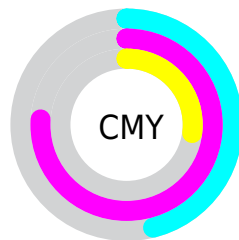


Cyan (27%)

Magenta (68%)

Yellow (0%)

Black (27%)



Cyan (46%)

Magenta (76%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287184059 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 4287184059 by changing the saturation by 10% instead.



 4287184059

 4287184059

4294967295

 4285341856

 4290933236

 4283564165

 4292840703

 4281729131

 4294813695

 4280025170

 4294951935

 4278190138

 4294959359

 4278190627

4294966783

 4278190090

 4278190080

 4287184059

 4287184059

4286720443

4287647675

4286191547

4288176571

4285727931

4288640187

4285595835

4289103803

4289632955

4290096315

4290625467

4291089083

4291552443

# Harmonies

## Analogous

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



4278214621



4287184059



4290707587

# Triad

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



4287184059



4287714304



4278221698

# Complementary

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



4287184059



4285446972

# 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.



4278221120



4287184059



4284115200

# Square

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



4287184059



4290260480



4278219776



4278221499

# Rectangle

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



4287184059



4291493977



4278219776



4278221676



# Sweetspot

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



4287184059



4292854514



4282150843



4285488506



4294638330



4286216826



# Same Dimension

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



4287184059



4289015538



4290460846



4284175710



4284481694



4279435295



# Inverse Universe

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



4290460782



4294061691



4282170185



4284372313



4288544830



4280221708



# Previews

## White Background



This preview shows how the Android color 4287184059 looks on a white background.

## Color Contrast Check

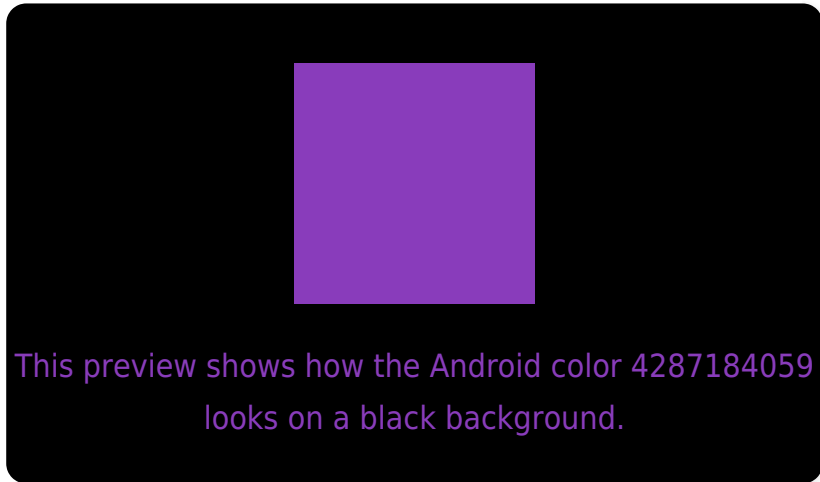
Large Text (above 18pt) WCAG AA ✓ Pass

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

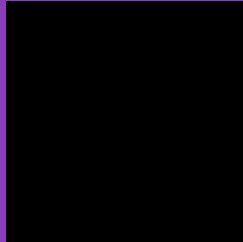
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4287184059 Background



This preview shows how black text looks on a background with the Android color 4287184059.



This preview shows how white text looks on a background with the Android color 4287184059.

# 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**

4287184059



**Protanomaly**

4281488068



**Deuteranomaly**

4281488821



**Tritanomaly**

4286533249

# Monochromacy



**Original Color**

4287184059



**Achromatopsia**

4284637794



**Achromatomaly**

4285551746

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287184059 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(137, 60, 187)` looks like.

```
.text, #text, p{  
    color:rgb(137, 60, 187)  
}
```

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(137, 60, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 60, 187) }
```

## Border

The CSS property to change the border of an element to Android 4287184059 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(137, 60, 187) }
```

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

```
.border{ border-color:rgb(137, 60, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 60, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 60, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 60, 187);  
box-shadow:4px 4px 4px 4px rgb(137, 60,  
187) }
```

# Background

The CSS property to change the background color of an element to Android 4287184059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 60, 187) }
```

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

```
.background{ background-color: rgb(137, 60,  
187) }
```

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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