

# Converting Colors

Android(4287918247)

Have a look what the booklet for  
Android(4287918247) contains.

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# Color

**Android(4287918247)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 9470A7                    |
| RGB           | 148, 112, 167             |
| RGB Percent   | 58%, 44%, 65%             |
| CMY           | 0.4196, 0.5608, 0.3451    |
| CMYK          | 0.11, 0.33, 0.00, 0.35    |
| HSL           | 279°, 24%, 55%            |
| HSV           | 279°, 33%, 65%            |
| XYZ           | 24.9820, 20.6743, 39.2331 |
| YIQ           | 129.0340, 3.8010, 24.7370 |

# Conversions

## Conversions Part 2

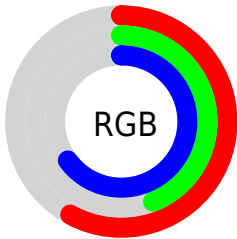
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 148, 112, 167                 |
| Decimal                             | 9728167                       |
| CIE <sub>Lab</sub>                  | 52.59, 24.63, -24.06          |
| CIE <sub>LCh</sub>                  | 53, 34.430, 315.674           |
| Yxy                                 | 20.6743, 0.2943,<br>0.2435    |
| Android<br>(android.graphics.Color) | 4287918247<br>(0xFF9470A7)    |
| YUV                                 | 129.0340, 18.7172,<br>16.6332 |
| Hunter-Lab                          | 45.4690, 18.5024,<br>-19.3303 |

# Details

The Android color `4287918247` is a dark color, and the websafe version is hex `996699`. A complement of this color would be `4286818160`, and the grayscale version is `4286677377`.

A 20% lighter version of the original color is `4291536094`, and `4284497779` is the 20% darker color. If you saturate the color by 10%, you get `4287520679`, and if you desaturate by 10%, it is `4288315815`.

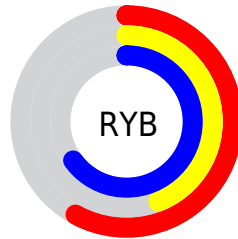
# Distribution



Red (58%)

Green (44%)

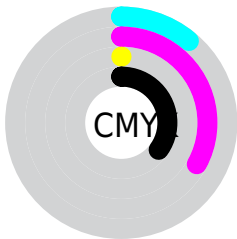
Blue (65%)



Red (58%)

Yellow (44%)

Blue (65%)

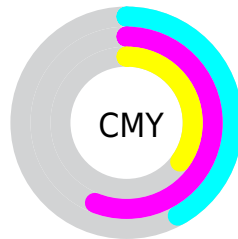


Cyan (11%)

Magenta (33%)

Yellow (0%)

Black (35%)



Cyan (42%)

Magenta (56%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287918247 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 4287918247 by changing the saturation by 10% instead.




 4287918247

 4287918247

4294967295

 4286207884

 4291536094

 4284497779

 4293378043

 4282919258

 4294958079

 4281340738

 4294965503

 4280025132

 4278190359

 4278190080

 4287918247

 4287918247

 4287520679

 4288315815

4287123367

4288713127

4286791335

4289045159

4286393767

4289442727

4285996199

4289840039

4285598887

4290237607

4285333671

4290569639

4290967207

4291362727

# Harmonies

## Analogous

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



4285168566



4287918247



4289619853

# Triad

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



4287918247



4288444228



4278226316

# Complementary

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



4287918247



4286818160

# 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.



4281764974



4287918247



4286677315

# Square

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



4287918247



4289752405



4284516435



4278225831

# Rectangle

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



4287918247



4290078329



4284516435



4278226306



# Sweetspot

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



4287918247



4291937241



4285563815



4285096046



4293783021



4285427310



# Same Dimension

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



4287918247



4290478809



4289163423



4283518036



4284547220



4279042068



# Inverse Universe

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



4289163395



4292444832



4285572984



4283714639



4287889459

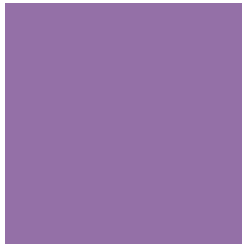


4279500807



# Previews

## White Background



This preview shows how the Android color 4287918247 looks on a white background.

## Color Contrast Check

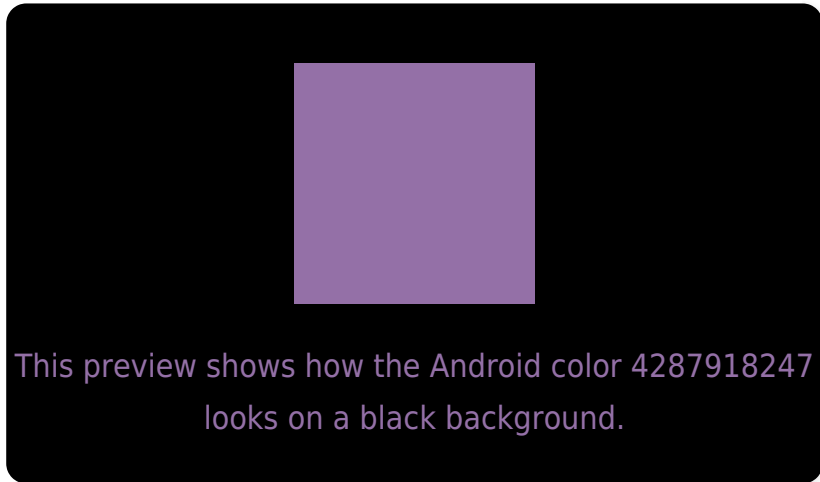
Large Text (above 18pt) WCAG AA ✓ Pass

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

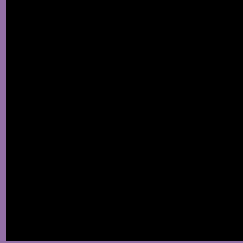
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4287918247 Background



This preview shows how black text looks on a background with the Android color 4287918247.



This preview shows how white text looks on a background with the Android color 4287918247.

# 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**  
4287918247

**Protanopia**  
4285430960

**Deuteranopia**  
4285889701



**Tritanopia**  
4287527041

# Trichromacy



**Original Color**  
4287918247

**Protanomaly**  
4286347437

**Deuteranomaly**  
4286609574

**Tritanomaly**  
4287657359

# Monochromacy



**Original Color**  
4287918247

**Achromatopsia**  
4286677377

**Achromatomaly**  
4287134607

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287918247 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, 112, 167)` looks like.

```
.text, #text, p{  
    color:rgb(148, 112, 167)  
}
```

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, 112, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 112, 167) }
```

## Border

The CSS property to change the border of an element to Android 4287918247 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, 112, 167) }
```

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

```
.border{ border-color:rgb(148, 112, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 112, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 112, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 112, 167);  
box-shadow:4px 4px 4px 4px rgb(148, 112,  
167) }
```

# Background

The CSS property to change the background color of an element to Android 4287918247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 112, 167) }
```

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

```
.background{ background-color: rgb(148,  
112, 167) }
```

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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