

# Converting Colors

Android(4287728302)

Have a look what the booklet for  
Android(4287728302) contains.

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# **Color**

**Android(4287728302)**

# Conversions

## Conversions Part 1

Format	Color
Hex	918AAE
RGB	145, 138, 174
RGB Percent	57%, 54%, 68%
CMY	0.4314, 0.4588, 0.3176
CMYK	0.17, 0.21, 0.00, 0.32
HSL	252°, 18%, 61%
HSV	252°, 21%, 68%
XYZ	28.4055, 27.2527, 43.8076
YIQ	144.1970, -7.3840, 12.6800

# Conversions

## Conversions Part 2

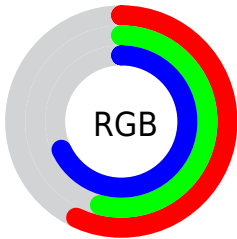
<b>Format</b>	<b>Color</b>
<b>RYB</b>	145, 138, 174
Decimal	9538222
CIELab	59.21, 10.12, -17.98
CIELCh	59, 20.632, 299.376
Yxy	27.2527, 0.2856, 0.2740
Android (android.graphics.Color)	4287728302 (0xFF918AAE)
YUV	144.1970, 14.6929, 0.7042
Hunter-Lab	52.2041, 5.7690, -13.2109

# Details

The Android color `4287728302` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `4289179274`, and the grayscale version is `4287664272`.

A 20% lighter version of the original color is `4291280870`, and `4284373114` is the 20% darker color. If you saturate the color by 10%, you get `4286806446`, and if you desaturate by 10%, it is `4288650158`.

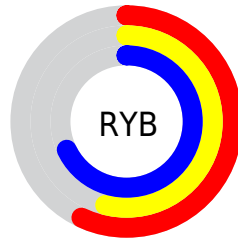
# Distribution



Red (57%)

Green (54%)

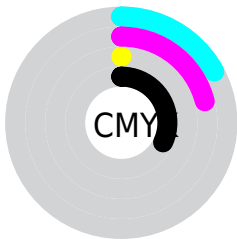
Blue (68%)



Red (57%)

Yellow (54%)

Blue (68%)

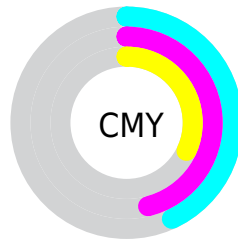


Cyan (17%)

Magenta (21%)

Yellow (0%)

Black (32%)



Cyan (43%)

Magenta (46%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287728302 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 4287728302 by changing the saturation by 10% instead.



 4287728302

 4287728302

4294967295

 4286017939

 4291280870

 4284373114

 4293123071

 4282794337

 4294965503

 4281281353

 4279834162

 4278190109

 4278190080

 4287728302

 4287728302

 4286806446

 4288650158

4285884334

4289572270

4284962478

4290494126

4284040366

4291416238

4283118510

4292338094

4282196654

4293259950

4281274542

4294180782

4280418478

4294967214

# Harmonies

## Analogous

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



4286091442



4287728302



4289103009

# Triad

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



4287728302



4289431408



4284651917

# Complementary

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



4287728302



4289179274

# 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.



4285831036



4287728302



4288449898

# Square

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



4287728302



4289954686



4287206255



4284127392

# Rectangle

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



4287728302



4289692310



4287206255



4285044871



# Sweetspot

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



4287728302



4292400611



4287276974



4285295475



4294111986



4285756275



# Same Dimension

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



4287728302



4290095843



4288907950



4283453015



4280090774



4278452247



# Inverse Universe

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



4289628839



4293110488



4287999626



4283911765



4288020601



4279697426



# Previews

## White Background



This preview shows how the Android color 4287728302 looks on a white background.

## Color Contrast Check

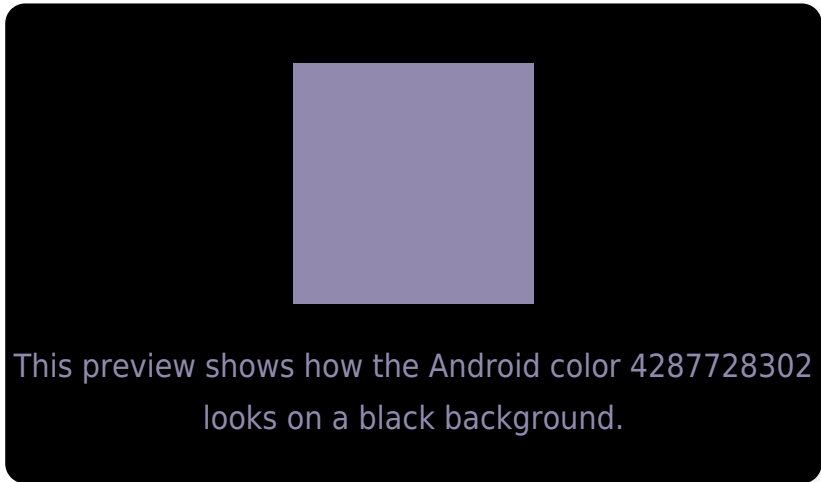
Large Text (above 18pt) WCAG AA ✓ Pass

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

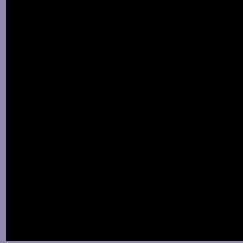
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4287728302 Background



This preview shows how black text looks on a background with the Android color 4287728302.



This preview shows how white text looks on a background with the Android color 4287728302.

# 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**  
4287728302

**Protanopia**  
4287008176

**Deuteranopia**  
4287466414



**Tritanopia**  
4287467161

# Trichromacy



**Original Color**

4287728302

**Protanomaly**

4287270063

**Deuteranomaly**

4287531950

**Tritanomaly**

4287532449

# Monochromacy



**Original Color**

4287728302

**Achromatopsia**

4287664272

**Achromatomaly**

4287663771

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287728302 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(145, 138, 174)` looks like.

```
.text, #text, p{  
    color:rgb(145, 138, 174)  
}
```

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(145, 138, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 138, 174) }
```

## Border

The CSS property to change the border of an element to Android 4287728302 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(145, 138, 174) }
```

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

```
.border{ border-color:rgb(145, 138, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 138, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 138, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 138, 174);  
box-shadow:4px 4px 4px 4px rgb(145, 138,  
174) }
```

# Background

The CSS property to change the background color of an element to Android 4287728302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 138, 174) }
```

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

```
.background{ background-color: rgb(145,  
138, 174) }
```

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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