

# Converting Colors

Android(4287988658)

Have a look what the booklet for  
Android(4287988658) contains.

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# **Color**

**Android(4287988658)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9583B2
RGB	149, 131, 178
RGB Percent	58%, 51%, 70%
CMY	0.4157, 0.4863, 0.3020
CMYK	0.16, 0.26, 0.00, 0.30
HSL	263°, 23%, 61%
HSV	263°, 26%, 70%
XYZ	28.5466, 25.8365, 45.6019
YIQ	141.7400, -4.3590, 18.4330

# Conversions

## Conversions Part 2

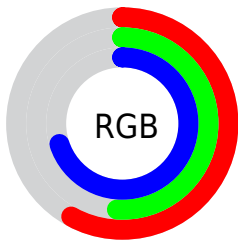
Format	Color
<a href="#">RYB</a>	<a href="#">149, 131, 178</a>
Decimal	<a href="#">9798578</a>
CIELab	<a href="#">57.88, 16.39, -22.25</a>
CIELCh	<a href="#">58, 27.638, 306.369</a>
Yxy	<a href="#">25.8365, 0.2855, 0.2584</a>
Android (android.graphics.Color)	<a href="#">4287988658 (0xFF9583B2)</a>
YUV	<a href="#">141.7400, 17.8762, 6.3670</a>
Hunter-Lab	<a href="#">50.8296, 11.2962, -17.6113</a>

# Details

The Android color `4287988658` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `4288721539`, and the grayscale version is `4287532686`.

A 20% lighter version of the original color is `4291606762`, and `4284633725` is the 20% darker color. If you saturate the color by 10%, you get `4287263154`, and if you desaturate by 10%, it is `4288714162`.

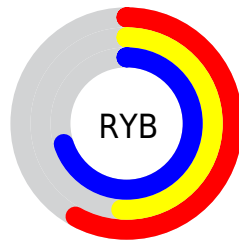
# Distribution



Red (58%)

Green (51%)

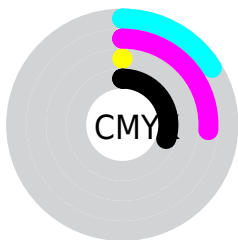
Blue (70%)



Red (58%)

Yellow (51%)

Blue (70%)

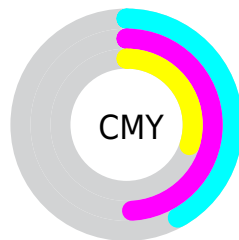


Cyan (16%)

Magenta (26%)

Yellow (0%)

Black (30%)



Cyan (42%)

Magenta (49%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287988658 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 4287988658 by changing the saturation by 10% instead.



 4287988658

 4287988658

4294967295

 4286278295

 4291606762

 4284633725

 4293448959

 4282989156

 4294963455

 4281476428

 4279963701

 4278190112

 4278190083

 4278190080

 4287988658

 4287988658

■ 4287263154

■ 4288714162

■ 4286537650

■ 4289439666

■ 4285812402

■ 4290164914

■ 4285086898

■ 4290890418

■ 4284361394

■ 4291615922

■ 4283635890

■ 4292341426

■ 4282910386

■ 4293066674

■ 4282646706

■ 4293787570

■ 4294508466

# Harmonies

## Analogous

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



4285762747



4287988658



4289625247

# Triad

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



4287988658



4289495903



4282751120

# Complementary

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



4287988658



4288721539

# 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.



4284520311



4287988658



4288121691

# Square

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



4287988658



4290346096



4286354020



4281964455

# Rectangle

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



4287988658



4290279823



4286354020



4283275399



# Sweetspot

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



4287988658



4292728296



4286816690



4285426293



4294309365



4285887861



# Same Dimension

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



4287988658



4290420456



4289495986



4283715673



4282056857



4278845466



# Inverse Universe

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



4289889184



4293435084



4287214211



4284043350



4288217182

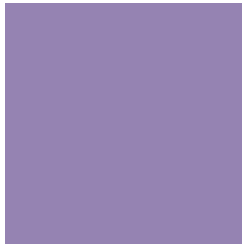


4279894032



# Previews

## White Background



This preview shows how the Android color 4287988658 looks on a white background.

## Color Contrast Check

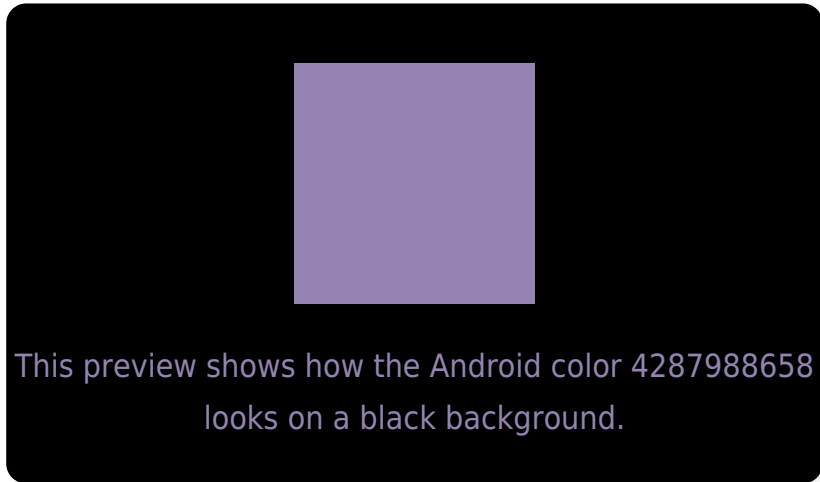
Large Text (above 18pt) WCAG AA ✓ Pass

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 4287988658 Background



This preview shows how black text looks on a background with the Android color 4287988658.



This preview shows how white text looks on a background with the Android color 4287988658.

# 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**

4287988658

**Protanopia**

4286548407

**Deuteranopia**

4286941617



# Trichromacy



**Original Color**  
4287988658

**Protanomaly**  
4287072181

**Deuteranomaly**  
4287334321

**Tritanomaly**  
4287793054

# Monochromacy



**Original Color**  
4287988658

**Achromatopsia**  
4287532686

**Achromatomaly**  
4287728283

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287988658 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(149, 131, 178)` looks like.

```
.text, #text, p{  
    color:rgb(149, 131, 178)  
}
```

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(149, 131, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 131, 178) }
```

## Border

The CSS property to change the border of an element to Android 4287988658 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(149, 131, 178) }
```

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

```
.border{ border-color:rgb(149, 131, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 131, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 131, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 131, 178);  
box-shadow:4px 4px 4px 4px rgb(149, 131,  
178) }
```

# Background

The CSS property to change the background color of an element to Android 4287988658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 131, 178) }
```

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

```
.background{ background-color: rgb(149,  
131, 178) }
```

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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