

# Converting Colors

Android(4287002787)

Have a look what the booklet for  
Android(4287002787) contains.

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# Color

**Android(4287002787)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8678A3
RGB	134, 120, 163
RGB Percent	53%, 47%, 64%
CMY	0.4745, 0.5294, 0.3608
CMYK	0.18, 0.26, 0.00, 0.36
HSL	260°, 19%, 55%
HSV	260°, 26%, 64%
XYZ	23.1588, 21.1456, 37.5112
YIQ	129.0880, -5.4590, 16.3410

# Conversions

## Conversions Part 2

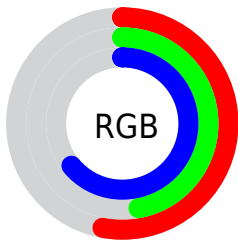
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 120, 163
Decimal	8812707
CIELab	53.11, 14.41, -21.05
CIELCh	53, 25.513, 304.394
Yxy	21.1456, 0.2831, 0.2585
Android (android.graphics.Color)	4287002787 (0xFF8678A3)
YUV	129.0880, 16.7186, 4.3078
Hunter-Lab	45.9844, 9.4243, -16.1761

# Details

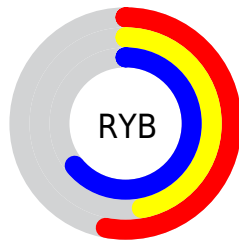
The Android color `4287002787` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4287996792`, and the grayscale version is `4286677377`.

A 20% lighter version of the original color is `4290555098`, and `4283713391` is the 20% darker color. If you saturate the color by 10%, you get `4286277795`, and if you desaturate by 10%, it is `4287727779`.

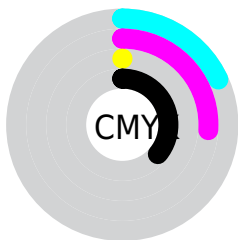
# Distribution



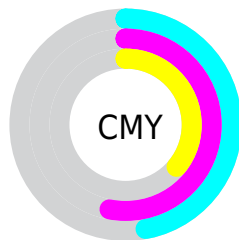
- Red (53%)
- Green (47%)
- Blue (64%)



- Red (53%)
- Yellow (47%)
- Blue (64%)



- Cyan (18%)
- Magenta (26%)
- Yellow (0%)
- Black (36%)



- Cyan (47%)
- Magenta (53%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287002787 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 4287002787 by changing the saturation by 10% instead.



■ 4287002787

■ 4287002787

4294967295

■ 4285292425

■ 4290555098

■ 4283713391

■ 4292397303

■ 4282134871

■ 4294239487

■ 4280622143

■ 4279370537

■ 4278190356

■ 4278190080

■ 4287002787

■ 4287002787

■ 4286277795

■ 4287727779

4285552547

4288453027

4284827555

4289178019

4284102563

4289903011

4283377315

4290628259

4282652323

4291353251

4281927331

4292078243

4281663651

4292803235

4293525411

# Harmonies

## Analogous

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



4284907690



4287002787



4288508306

# Triad

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



4287002787



4288575320



4282485633

# Complementary

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



4287002787



4287996792

# 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.



4284057963



4287002787



4287331923

# Square

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



4287002787



4289294695



4285760858



4281698967

# Rectangle

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



4287002787



4289163140



4285760858



4283009914



# Sweetspot

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



4287002787



4291347412



4286092707



4284768363



4293651435



4285229931



# Same Dimension

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



4287002787



4289106132



4288379043



4283189586



4281270417



4278583314



# Inverse Universe

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



4288903317



4292120766



4286620536



4283582799



4287692898



4279369740



# Previews

## White Background



This preview shows how the Android color 4287002787 looks on a white background.

## Color Contrast Check

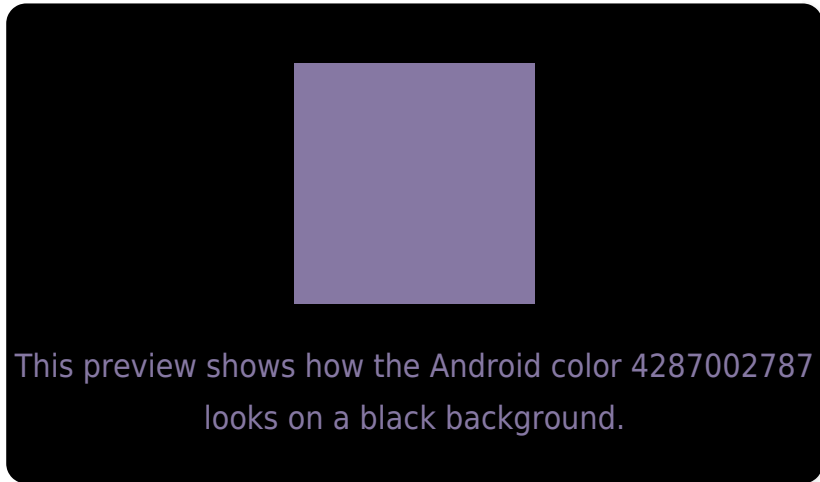
Large Text (above 18pt) WCAG AA ✓ Pass

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 4287002787 Background



This preview shows how black text looks on a background with the Android color 4287002787.



This preview shows how white text looks on a background with the Android color 4287002787.

# 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**  
4287002787

**Protanopia**  
4285824423

**Deuteranopia**  
4286152098



# Trichromacy



**Original Color**

4287002787

**Protanomaly**

4286282662

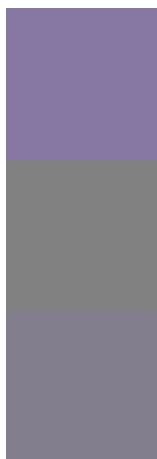
**Deuteranomaly**

4286479266

**Tritanomaly**

4286806929

# Monochromacy



**Original Color**

4287002787

**Achromatopsia**

4286677377

**Achromatomaly**

4286807693

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287002787 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(134, 120, 163)` looks like.

```
.text, #text, p{  
    color:rgb(134, 120, 163)  
}
```

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(134, 120, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 120, 163) }
```

## Border

The CSS property to change the border of an element to Android 4287002787 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(134, 120, 163) }
```

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

```
.border{ border-color:rgb(134, 120, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 120, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 120, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 120, 163);  
box-shadow:4px 4px 4px 4px rgb(134, 120,  
163) }
```

# Background

The CSS property to change the background color of an element to Android 4287002787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 120, 163) }
```

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

```
.background{ background-color: rgb(134,  
120, 163) }
```

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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