

# Converting Colors

Android(4287059802)

Have a look what the booklet for  
Android(4287059802) contains.

<b>Android(4287059802)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4287059802)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	87575A
RGB	135, 87, 90
RGB Percent	53%, 34%, 35%
CMY	0.4706, 0.6588, 0.6471
CMYK	0.00, 0.36, 0.33, 0.47
HSL	356°, 22%, 44%
HSV	356°, 36%, 53%
XYZ	15.2453, 12.7055, 11.3217
YIQ	101.6940, 27.6450, 11.1090

# Conversions

## Conversions Part 2

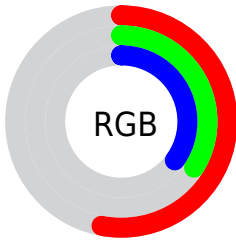
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">135, 87, 90</a>
Decimal	<a href="#">8869722</a>
CIELab	<a href="#">42.32, 20.30, 6.50</a>
CIElCh	<a href="#">42, 21.318, 17.745</a>
Yxy	<a href="#">12.7055, 0.3882, 0.3235</a>
Android (android.graphics.Color)	<a href="#">4287059802 (0xFF87575A)</a>
YUV	<a href="#">101.6940, -5.7651, 29.2094</a>
Hunter-Lab	<a href="#">35.6447, 13.9666, 6.1192</a>

# Details

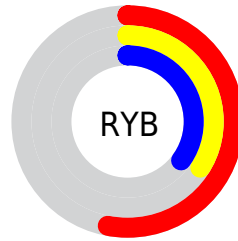
The Android color `4287059802` is a dark color, and the websafe version is hex `996666`. A complement of this color would be `4283926404`, and the grayscale version is `4284900966`.

A 20% lighter version of the original color is `4290677132`, and `4283640109` is the 20% darker color. If you saturate the color by 10%, you get `4287056461`, and if you desaturate by 10%, it is `4287063399`.

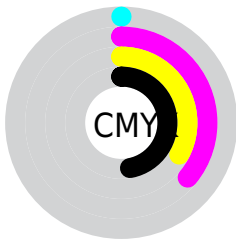
# Distribution



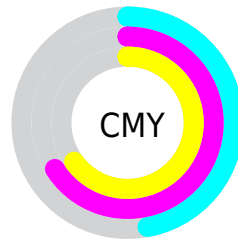
- Red (53%)
- Green (34%)
- Blue (35%)



- Red (53%)
- Yellow (34%)
- Blue (35%)



- Cyan (0%)
- Magenta (36%)
- Yellow (33%)
- Black (47%)



- Cyan (47%)
- Magenta (66%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287059802 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 4287059802 by changing the saturation by 10% instead.





4287059802



4287059802

4294967295



4285349699



4290677132



4283640109



4292519078



4282061592



4294426561



4280745984



4294958045



4278190080



4294965498



4287059802



4287059802



4287056461



4287063399



4287052865



4287066739

 4287049524

 4287070336

 4287045927

 4287073677

 4287042331

 4287077273

 4287038990

 4287080614

 4287037448

 4287084211

 4287087551

 4287091148

# Harmonies

## Analogous

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



4286732140



4287059802



4286798667

# Triad

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



4287059802



4283591500



4282542214

# Complementary

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



4287059802



4283926404

# 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.



4281166973



4287059802



4282215772

# Square

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



4287059802



4284835394



4281101678



4284244613

# Rectangle

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



4287059802



4286275140



4281101678



4281952644



# Sweetspot

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



4287059802



4289764766



4286863239



4284042830



4292467161



4284045657



# Same Dimension

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



4287059802



4289750121



4287065175



4282530876



4286709768



4278386688



# Inverse Universe

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



4287059802



4289750121



4283921031



4282530876



4286709768

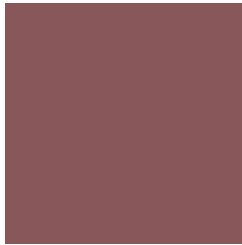


4278386688



# Previews

## White Background



This preview shows how the Android color 4287059802 looks on a white background.

## Color Contrast Check

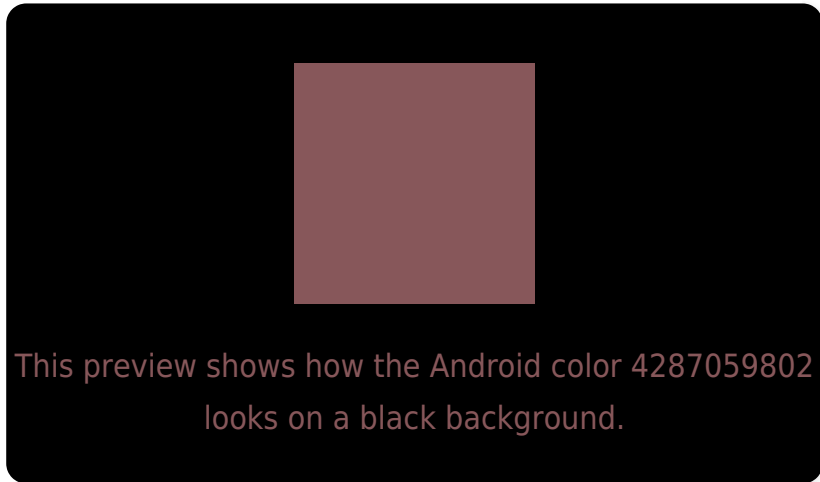
Large Text (above 18pt) WCAG AA ✓ Pass

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 4287059802 Background



This preview shows how black text looks on a background with the Android color 4287059802.



This preview shows how white text looks on a background with the Android color 4287059802.

# 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**

4287059802

**Protanopia**

4284965985

**Deuteranopia**

4285686104



# Trichromacy



**Original Color**

4287059802

**Protanomaly**

4285751134

**Deuteranomaly**

4286209369

**Tritanomaly**

4287059804

# Monochromacy



**Original Color**

4287059802

**Achromatopsia**

4284900966

**Achromatomaly**

4285686114

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287059802 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(135, 87, 90)` looks like.

```
.text, #text, p{  
    color:rgb(135, 87, 90)  
}
```

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(135, 87, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 87, 90) }
```

## Border

The CSS property to change the border of an element to Android 4287059802 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(135, 87, 90) }
```

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

```
.border{ border-color:rgb(135, 87, 90) }
```

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

Here you see how a box with a 4 pixel rgb(135, 87, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 87, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 87, 90);  
box-shadow:4px 4px 4px 4px rgb(135, 87,  
90) }
```

# Background

The CSS property to change the background color of an element to Android 4287059802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 87, 90) }
```

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

```
.background{ background-color: rgb(135, 87,  
90) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor