

# Converting Colors

Android(4287103802)

Have a look what the booklet for  
Android(4287103802) contains.

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# Color

**Android(4287103802)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	88033A
RGB	136, 3, 58
RGB Percent	53%, 1%, 23%
CMY	0.4667, 0.9882, 0.7725
CMYK	0.00, 0.98, 0.57, 0.47
HSL	335°, 96%, 27%
HSV	335°, 98%, 53%
XYZ	10.9496, 5.6049, 4.5077
YIQ	49.0370, 61.6130, 45.3010

# Conversions

## Conversions Part 2

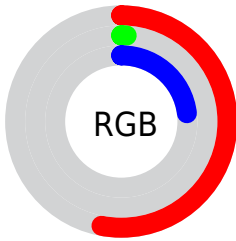
<b>Format</b>	<b>Color</b>
<b>RYB</b>	136, 3, 58
Decimal	8913722
CIELab	28.39, 51.94, 7.35
CIELCh	28, 52.459, 8.056
Yxy	5.6049, 0.5199, 0.2661
Android (android.graphics.Color)	4287103802 (0xFF88033A)
YUV	49.0370, 4.4188, 76.2666
Hunter-Lab	23.6746, 41.1268, 5.2832

# Details

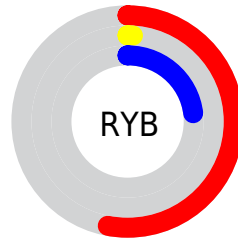
The Android color **4287103802** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **4278421585**, and the grayscale version is **4281413937**.

A 20% lighter version of the original color is **4290987881**, and **4283367440** is the 20% darker color. If you saturate the color by 10%, you get **4287103032**, and if you desaturate by 10%, it is **4287107394**.

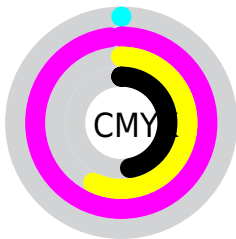
# Distribution



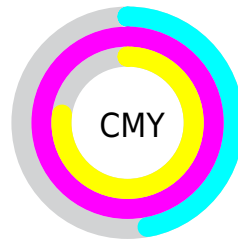
- Red (53%)
- Green (1%)
- Blue (23%)



- Red (53%)
- Yellow (1%)
- Blue (23%)



- Cyan (0%)
- Magenta (98%)
- Yellow (57%)
- Black (47%)



- Cyan (47%)
- Magenta (99%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287103802 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 4287103802 by changing the saturation by 10% instead.





4287103802



4287103802

4294967295



4285202469



4290987881



4283367440



4292961154



4281729026



4294934172



4278517760



4294941111



4278190080



4294948306



4294955758



4294963199



4287103802



4287103802

■ 4287103032

■ 4287107394

■ 4287110730

■ 4287114322

■ 4287117658

■ 4287121250

■ 4287124842

■ 4287128178

■ 4287131770

■ 4287135106

# Harmonies

## Analogous

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



4286191458



4287103802



4286651923

# Triad

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



4287103802



4279913984



4278210447

# Complementary

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



4287103802



4278421585

# 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.



4278211444



4287103802



4278211106

# Square

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



4287103802



4282991872



4278211661



4278207892

# Rectangle

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



4287103802



4285738496



4278211661



4278210952



# Sweetspot

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



4287103802



4289756562



4283499400



4284037703



4292467161



4284045657



# Same Dimension

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



4287103802



4289724489



4287106563



4282728001



4286906423



4278517762



# Inverse Universe

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



4287103802



4289724489



4278418824



4282728001



4286906423

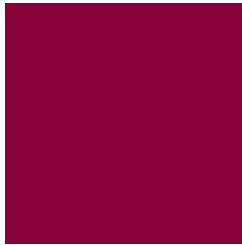


4278517762



# Previews

## White Background



This preview shows how the Android color 4287103802 looks on a white background.

## Color Contrast Check

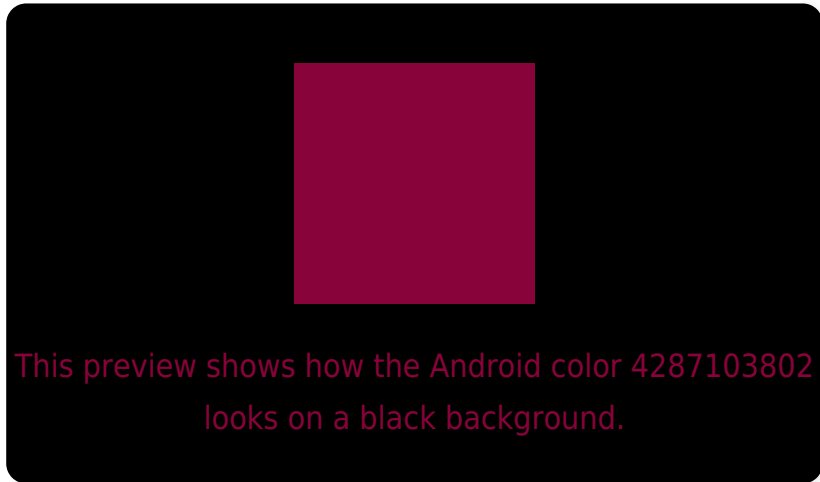
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4287103802 Background



This preview shows how black text looks on a background with the Android color 4287103802.



This preview shows how white text looks on a background with the Android color 4287103802.

# 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**  
4287103802

**Protanopia**  
4282598996

**Deuteranopia**  
4283646772



# Trichromacy



**Original Color**  
4287103802

**Protanomaly**  
4284231243

**Deuteranomaly**  
4284886070

**Tritanomaly**  
4287041571

# Monochromacy



**Original Color**  
4287103802

**Achromatopsia**  
4281413937

**Achromatomaly**  
4283506740

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287103802 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(136, 3, 58)` looks like.

```
.text, #text, p{  
    color:rgb(136, 3, 58)  
}
```

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(136, 3, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 3, 58) }
```

## Border

The CSS property to change the border of an element to Android 4287103802 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(136, 3, 58) }
```

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

```
.border{ border-color:rgb(136, 3, 58) }
```

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

Here you see how a box with a 4 pixel rgb(136, 3, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 3, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 3, 58);  
box-shadow:4px 4px 4px 4px rgb(136, 3, 58)  
}
```

# Background

The CSS property to change the background color of an element to Android 4287103802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 3, 58) }
```

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

```
.background{ background-color: rgb(136, 3,  
58) }
```

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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