

# Converting Colors

Android(4287168569)

Have a look what the booklet for  
Android(4287168569) contains.

<b>Android(4287168569)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4287168569)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	890039
RGB	137, 0, 57
RGB Percent	54%, 0%, 22%
CMY	0.4627, 1.0000, 0.7765
CMYK	0.00, 1.00, 0.58, 0.46
HSL	335°, 100%, 27%
HSV	335°, 100%, 54%
XYZ	11.0550, 5.6138, 4.3718
YIQ	47.4610, 63.3550, 46.7710

# Conversions

## Conversions Part 2

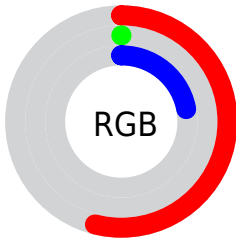
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 0, 57
Decimal	8978489
CIELab	28.42, 52.62, 8.09
CIElCh	28, 53.237, 8.746
Yxy	5.6138, 0.5254, 0.2668
Android (android.graphics.Color)	4287168569 (0xFF890039)
YUV	47.4610, 4.7027, 78.5257
Hunter-Lab	23.6934, 41.8224, 5.6455

# Details

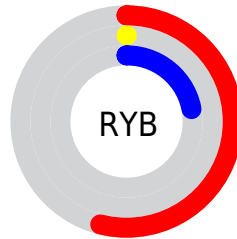
The Android color **4287168569** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **4278225232**, and the grayscale version is **4281282351**.

A 20% lighter version of the original color is **4291053160**, and **4283432974** is the 20% darker color. If you saturate the color by 10%, you get **4287168569**, and if you desaturate by 10%, it is **4287172161**.

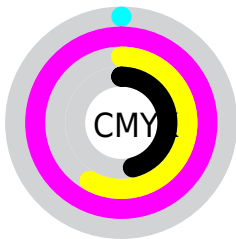
# Distribution



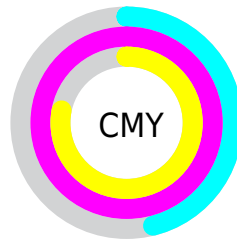
- Red (54%)
- Green (0%)
- Blue (22%)



- Red (54%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (58%)
- Black (46%)



- Cyan (46%)
- Magenta (100%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287168569 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 4287168569 by changing the saturation by 10% instead.



 4287168569

 4287168569

4294967295

 4285268004

 4291053160

 4283432974

 4293026433

 4281729026

 4294933915

 4278648832

 4294941109

 4278190080

 4294948305

 4294955501

 4294963199

 4287168569

 4287172161

 4287175497

 4287179089

 4287182681

 4287186273

 4287189609

 4287193201

 4287196793

 4287200129

# Harmonies

## Analogous

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



4286256226



4287168569



4286651665

# Triad

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



4287168569



4279717376



4278210448

# Complementary

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



4287168569



4278225232

# 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.



4278211702



4287168569



4278211107

# Square

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



4287168569



4282926336



4278211662



4278207893

# Rectangle

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



4287168569



4285738752



4278211662



4278210954



# Sweetspot

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



4287168569



4289953171



4283433097



4284037446



4292467161



4284045657



# Same Dimension

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



4287168569



4289921098



4287171328



4282728001



4286906423



4278517762



# Inverse Universe

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



4287168569



4289921098



4278222473



4282728001



4286906423

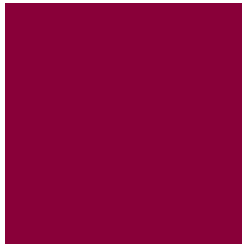


4278517762



# Previews

## White Background



This preview shows how the Android color 4287168569 looks on a white background.

## Color Contrast Check

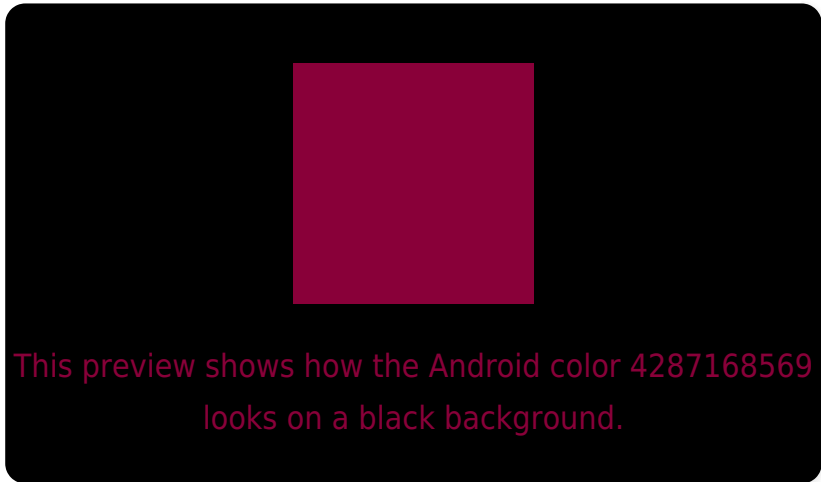
Large Text (above 18pt) WCAG AA ✓ Pass

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 4287168569 Background



This preview shows how black text looks on a background with the Android color 4287168569.



This preview shows how white text looks on a background with the Android color 4287168569.

# 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**  
4287168569

**Protanopia**  
4282664531

**Deuteranopia**  
4283712563



# Trichromacy



**Original Color**

4287168569

**Protanomaly**

4284296522

**Deuteranomaly**

4284951349

**Tritanomaly**

4287106851

# Monochromacy



**Original Color**

4287168569

**Achromatopsia**

4281282351

**Achromatomaly**

4283440691

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287168569 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(137, 0, 57)` looks like.

```
.text, #text, p{  
    color:rgb(137, 0, 57)  
}
```

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(137, 0, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 0, 57) }
```

## Border

The CSS property to change the border of an element to Android 4287168569 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(137, 0, 57) }
```

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

```
.border{ border-color:rgb(137, 0, 57) }
```

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

Here you see how a box with a 4 pixel rgb(137, 0, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 0, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 0, 57);  
box-shadow:4px 4px 4px 4px rgb(137, 0, 57)  
}
```

# Background

The CSS property to change the background color of an element to Android 4287168569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 0, 57) }
```

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

```
.background{ background-color: rgb(137, 0,  
57) }
```

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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