

# Converting Colors

Android(4288807001)

Have a look what the booklet for  
Android(4288807001) contains.

<b>Android(4288807001)</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(4288807001)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A20059
RGB	162, 0, 89
RGB Percent	64%, 0%, 35%
CMY	0.3647, 1.0000, 0.6510
CMYK	0.00, 1.00, 0.45, 0.36
HSL	327°, 100%, 32%
HSV	327°, 100%, 64%
XYZ	16.7035, 8.4027, 10.1927
YIQ	58.5840, 67.9830, 62.0230

# Conversions

## Conversions Part 2

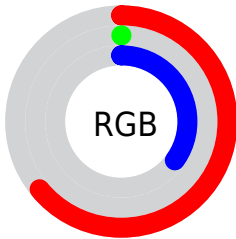
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 0, 89
Decimal	10616921
CIE <sub>Lab</sub>	34.81, 61.07, -3.21
CIE <sub>LCh</sub>	35, 61.151, 356.989
Yxy	8.4027, 0.4732, 0.2380
Android (android.graphics.Color)	4288807001 (0xFFA20059)
YUV	58.5840, 14.9951, 90.6958
Hunter-Lab	28.9873, 52.1298, -0.5568

# Details

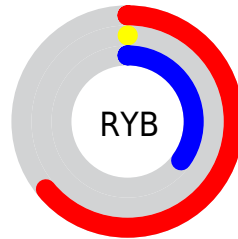
The Android color **4288807001** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **4278231625**, and the grayscale version is **4282006074**.

A 20% lighter version of the original color is **4292759179**, and **4285005868** is the 20% darker color. If you saturate the color by 10%, you get **4288807001**, and if you desaturate by 10%, it is **4288811104**.

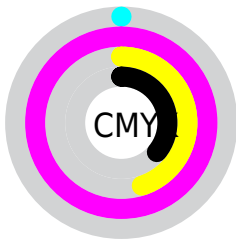
# Distribution



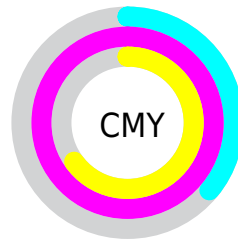
- Red (64%)
- Green (0%)
- Blue (35%)



- Red (64%)
- Yellow (0%)
- Blue (35%)



- Cyan (0%)
- Magenta (100%)
- Yellow (45%)
- Black (36%)



- Cyan (36%)
- Magenta (100%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288807001 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 4288807001 by changing the saturation by 10% instead.



 4288807001

 4288807001

4294967295

 4286906434

 4292759179

 4285005868

 4294732453

 4283170840

 4294936512

 4281401346

 4294943708

 4278190080

 4294951161

 4294958591

 4294966015

 4288807001

 4288811104

 4288815208

 4288819567

 4288823670

 4288827773

 4288831877

 4288835980

 4288840339

 4288844443

# Harmonies

## Analogous

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



4286982536



4288807001



4288812585

# Triad

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



4288807001



4281949184



4278215588

# Complementary

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



4288807001



4278231625

# 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.



4278216317



4288807001



4278215446

# Square

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



4288807001



4285091328



4278216267



4278213301

# Rectangle

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



4288807001



4287966726



4278216267



4278216089



# Sweetspot

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



4288807001



4292121783



4282974370



4285220186



4293651435



4285229931



# Same Dimension

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



4288807001



4292083828



4288806920



4283582798



4287692880



4279369738



# Inverse Universe

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



4288807001



4292083828



4278231706



4283582798



4287692880



4279369738



# Previews

## White Background



This preview shows how the Android color 4288807001 looks on a white background.

## Color Contrast Check

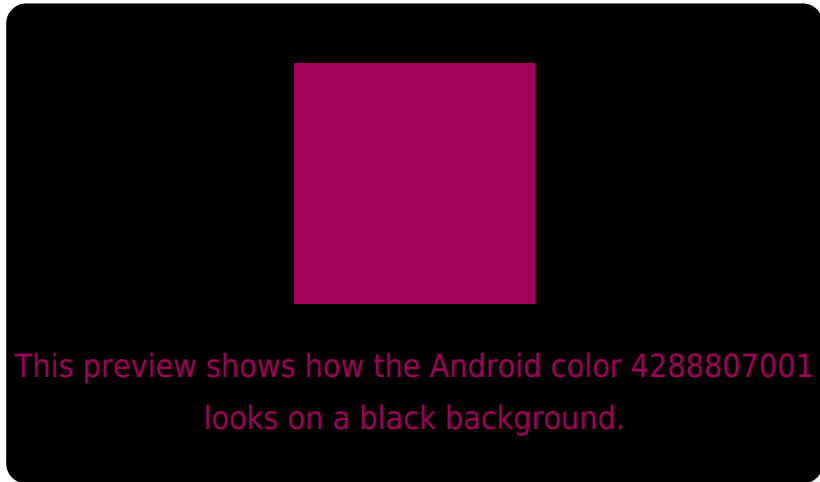
Large Text (above 18pt) WCAG AA ✓ Pass

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 4288807001 Background



This preview shows how black text looks on a background with the Android color 4288807001.



This preview shows how white text looks on a background with the Android color 4288807001.

# 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





# Trichromacy



**Original Color**  
4288807001

**Protanomaly**  
4284953970

**Deuteranomaly**  
4286002261

**Tritanomaly**  
4288681527

# Monochromacy



**Original Color**  
4288807001

**Achromatopsia**  
4282071867

**Achromatomaly**  
4284491334

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288807001 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(162, 0, 89)` looks like.

```
.text, #text, p{  
    color:rgb(162, 0, 89)  
}
```

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(162, 0, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 0, 89) }
```

## Border

The CSS property to change the border of an element to Android 4288807001 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(162, 0, 89) }
```

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

```
.border{ border-color:rgb(162, 0, 89) }
```

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

Here you see how a box with a 4 pixel rgb(162, 0, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 0, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 0, 89);  
box-shadow:4px 4px 4px 4px rgb(162, 0, 89)  
}
```

# Background

The CSS property to change the background color of an element to Android 4288807001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 0, 89) }
```

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

```
.background{ background-color: rgb(162, 0,  
89) }
```

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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