

# Converting Colors

Android(4288217231)

Have a look what the booklet for  
Android(4288217231) contains.

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**Color**

**Android(4288217231)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99008F
RGB	153, 0, 143
RGB Percent	60%, 0%, 56%
CMY	0.4000, 1.0000, 0.4392
CMYK	0.00, 1.00, 0.07, 0.40
HSL	304°, 100%, 30%
HSV	304°, 100%, 60%
XYZ	18.0948, 8.7555, 26.7229
YIQ	62.0490, 45.2850, 76.9090

# Conversions

## Conversions Part 2

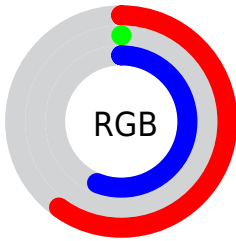
<b>Format</b>	<b>Color</b>
<b>RYB</b>	153, 0, 143
Decimal	10027151
CIELab	35.51, 65.61, -36.41
CIElCh	36, 75.038, 330.973
Yxy	8.7555, 0.3378, 0.1634
Android (android.graphics.Color)	4288217231 (0xFF99008F)
YUV	62.0490, 39.9088, 79.7640
Hunter-Lab	29.5897, 57.3752, -32.8330

# Details

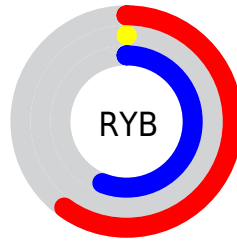
The Android color **4288217231** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **4278229258**, and the grayscale version is **4282269246**.

A 20% lighter version of the original color is **4292038597**, and **4284547164** is the 20% darker color. If you saturate the color by 10%, you get **4288217231**, and if you desaturate by 10%, it is **4288221072**.

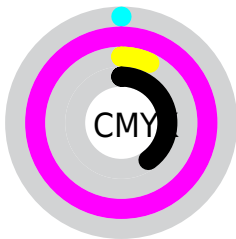
# Distribution



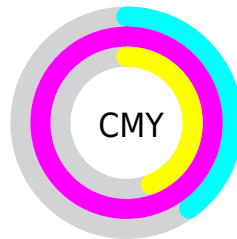
- Red (60%)
- Green (0%)
- Blue (56%)



- Red (60%)
- Yellow (0%)
- Blue (56%)



- Cyan (0%)
- Magenta (100%)
- Yellow (7%)
- Black (40%)



- Cyan (40%)
- Magenta (100%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288217231 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 4288217231 by changing the saturation by 10% instead.



 4288217231

 4288217231

4294967295

 4286382197

 4292038597

 4284547164

 4294011874

 4282777668

 4294936830

 4281073709

 4294943999

 4278190103

 4294951423

 4278190080

 4294958847

 4294966527

 4288217231

 4288221072

 4288225169

 4288229010

 4288232851

 4288236948

 4288240789

 4288244630

 4288248471

 4288252568

# Harmonies

## Analogous

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



4282663613



4288217231



4290117716

# Triad

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



4288217231



4284830208



4278217617

# Complementary

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



4288217231



4278229258

# 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.



4278217300



4288217231



4280574208

# Square

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



4288217231



4287837696



4278216462



4278216894

# Rectangle

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



4288217231



4290052142



4278216462



4278217597



# Sweetspot

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



4288217231



4291267523



4278714521



4284694625



4293125091



4284703587



# Same Dimension

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



4288217231



4291231930



4288217157



4283254092



4287365251



4279042060



# Inverse Universe

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



4288217231



4291231930



4278229332



4283254092



4287365251



4279042060



# Previews

## White Background



This preview shows how the Android color 4288217231 looks on a white background.

## Color Contrast Check

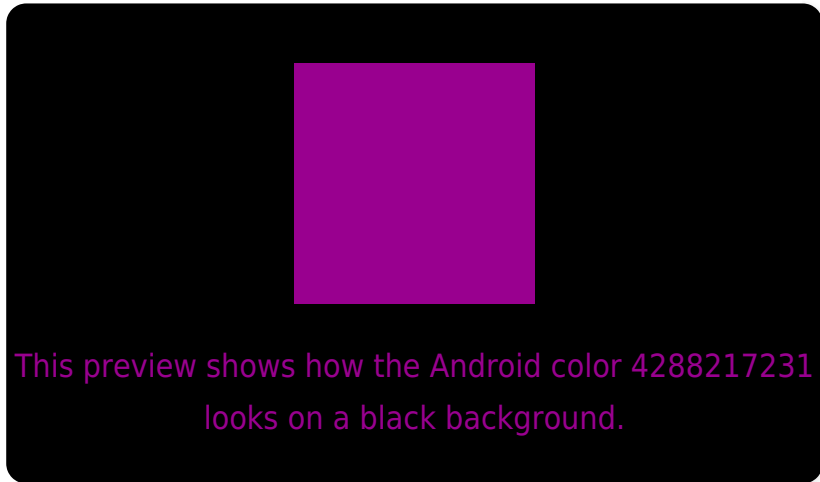
Large Text (above 18pt) WCAG AA ✓ Pass

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

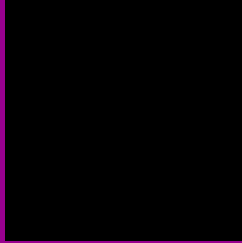
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4288217231 Background



This preview shows how black text looks on a background with the Android color 4288217231.



This preview shows how white text looks on a background with the Android color 4288217231.

# 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**

4288217231



**Protanomaly**

4281873829



**Deuteranomaly**

4284364681



**Tritanomaly**

4287898714

# Monochromacy



**Original Color**

4288217231



**Achromatopsia**

4282269246



**Achromatomaly**

4284426075

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288217231 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(153, 0, 143)` looks like.

```
.text, #text, p{  
    color:rgb(153, 0, 143)  
}
```

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(153, 0, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 0, 143) }
```

## Border

The CSS property to change the border of an element to Android 4288217231 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(153, 0, 143) }
```

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

```
.border{ border-color:rgb(153, 0, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 0, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 0, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 0, 143);  
box-shadow:4px 4px 4px 4px rgb(153, 0,  
143) }
```

# Background

The CSS property to change the background color of an element to Android 4288217231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 0, 143) }
```

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

```
.background{ background-color: rgb(153, 0,  
143) }
```

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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