

# Converting Colors

Android(4287824064)

Have a look what the booklet for  
Android(4287824064) contains.

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**Color**

**Android(4287824064)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9300C0
RGB	147, 0, 192
RGB Percent	58%, 0%, 75%
CMY	0.4235, 1.0000, 0.2471
CMYK	0.23, 1.00, 0.00, 0.25
HSL	286°, 100%, 38%
HSV	286°, 100%, 75%
XYZ	21.5470, 10.0088, 50.6654
YIQ	65.8410, 25.9800, 90.8760

# Conversions

## Conversions Part 2

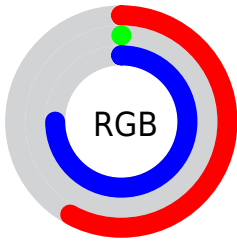
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 0, 192
Decimal	9633984
CIE <sub>Lab</sub>	37.86, 72.73, -62.12
CIE <sub>LCh</sub>	38, 95.647, 319.496
Yxy	10.0088, 0.2621, 0.1217
Android (android.graphics.Color)	4287824064 (0xFF9300C0)
YUV	65.8410, 62.1964, 71.1764
Hunter-Lab	31.6367, 66.2081, -72.8058

# Details

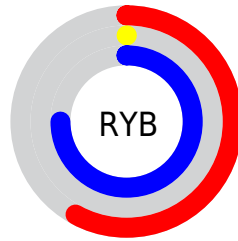
The Android color `4287824064` is a dark color, and the websafe version is hex `9900CC`. The color can be described as dark washed purple. A complement of this color would be `4281188352`, and the grayscale version is `4282466625`.

A 20% lighter version of the original color is `4291711481`, and `4284022921` is the 20% darker color. If you saturate the color by 10%, you get `4287824064`, and if you desaturate by 10%, it is `4288156608`.

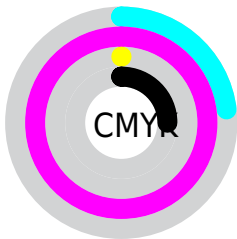
# Distribution



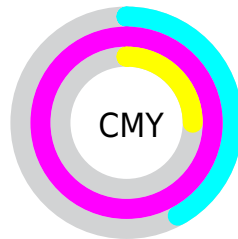
- Red (58%)
- Green (0%)
- Blue (75%)



- Red (58%)
- Yellow (0%)
- Blue (75%)



- Cyan (23%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)



- Cyan (42%)
- Magenta (100%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287824064 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 4287824064 by changing the saturation by 10% instead.




 4287824064

 4287824064

4294967295

 4285923492

 4291711481

 4284022921

 4293684991

 4282122351

 4294937343

 4280287318

 4294944767

 4278190141

 4294952191

 4278190886

 4294959871

 4278190351

 4278190080

 4287824064

■ 4288156608

■ 4288423616

■ 4288756416

■ 4289023424

■ 4289355968

■ 4289622976

■ 4289955520

■ 4290222784

■ 4290489792

# Harmonies

## Analogous

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



4278211568



4287824064



4291625080

# Triad

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



4287824064



4286860288



4278220172

# Complementary

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



4287824064



4281188352

# 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.



4278219578



4287824064



4282082304

# Square

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



4287824064



4290183168



4278218496



4278220241

# Rectangle

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



4287824064



4292214853



4278218496



4278219889



# Sweetspot

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



4287824064



4293439482



4278202560



4285681789



4294769916



4286414205



# Same Dimension

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



4287824064



4290707706



4290773136



4284438369



4286251169



4279828513



# Inverse Universe

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



4290773037



4294574139



4278239280



4284569433



4288741414



4280352776



# Previews

## White Background



This preview shows how the Android color 4287824064 looks on a white background.

## Color Contrast Check

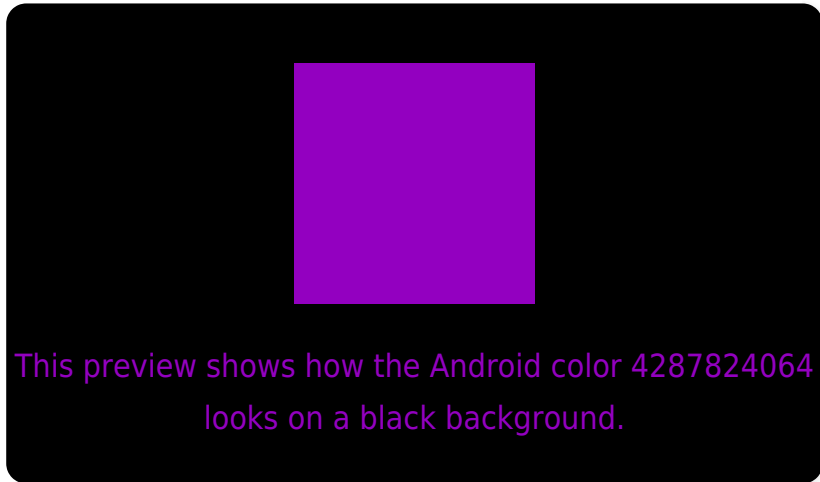
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 4287824064 Background



This preview shows how black text looks on a background with the Android color 4287824064.



This preview shows how white text looks on a background with the Android color 4287824064.

# 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**

4287824064

**Protanopia**

4278212794

**Deuteranopia**

4278214306



# Trichromacy



**Original Color**

4287824064



**Protanomaly**

4281678012



**Deuteranomaly**

4281679021



**Tritanomaly**

4287115385

# Monochromacy



**Original Color**

4287824064



**Achromatopsia**

4282532418



**Achromatomaly**

4284426864

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287824064 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(147, 0, 192)` looks like.

```
.text, #text, p{  
    color:rgb(147, 0, 192)  
}
```

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(147, 0, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 0, 192) }
```

## Border

The CSS property to change the border of an element to Android 4287824064 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(147, 0, 192) }
```

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

```
.border{ border-color:rgb(147, 0, 192) }
```

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

Here you see how a box with a 4 pixel rgb(147, 0, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 0, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 0, 192);  
box-shadow:4px 4px 4px 4px rgb(147, 0,  
192) }
```

# Background

The CSS property to change the background color of an element to Android 4287824064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 0, 192) }
```

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

```
.background{ background-color: rgb(147, 0,  
192) }
```

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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