

# Converting Colors

Android(4287761898)

Have a look what the booklet for  
Android(4287761898) contains.

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**Color**

**Android(4287761898)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	920DEA
RGB	146, 13, 234
RGB Percent	57%, 5%, 92%
CMY	0.4275, 0.9490, 0.0824
CMYK	0.38, 0.94, 0.00, 0.08
HSL	276°, 89%, 48%
HSV	276°, 94%, 92%
XYZ	26.8493, 12.3394, 78.8085
YIQ	77.9610, 8.3270, 96.9270

# Conversions

## Conversions Part 2

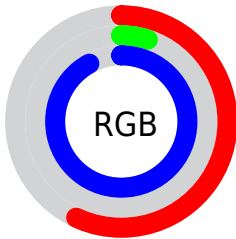
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	146, 13, 234
Decimal	9571818
CIE Lab	41.75, 79.15, -80.00
CIE LCh	42, 112.536, 314.693
Yxy	12.3394, 0.2275, 0.1046
Android (android.graphics.Color)	4287761898 (0xFF920DEA)
YUV	77.9610, 76.9272, 59.6702
Hunter-Lab	35.1274, 74.9616, -108.4282

# Details

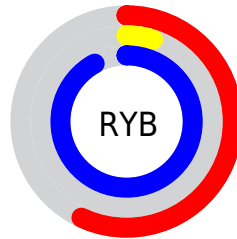
The Android color `4287761898` is a dark color, and the websafe version is hex `9933FF`. The color can be described as dark washed purple. A complement of this color would be `4284869133`, and the grayscale version is `4283256141`.

A 20% lighter version of the original color is `4291778559`, and `4283695281` is the 20% darker color. If you saturate the color by 10%, you get `4287430890`, and if you desaturate by 10%, it is `4288357610`.

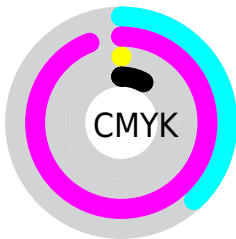
# Distribution



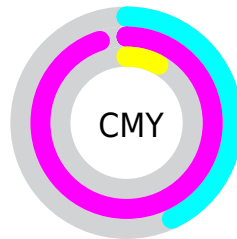
- Red (57%)
- Green (5%)
- Blue (92%)



- Red (57%)
- Yellow (5%)
- Blue (92%)



- Cyan (38%)
- Magenta (94%)
- Yellow (0%)
- Black (8%)



- Cyan (43%)
- Magenta (95%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287761898 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 4287761898 by changing the saturation by 10% instead.




 4287761898

 4287761898

4294967295

 4285726925

 4291778559

 4283695281

 4293817855

 4281401493

 4294939391

 4278190202

 4294946815

 4278190176

 4294954239

 4278192199

 4294961663

 4278191152

 4278190362

 4278190080

■ 4287761898

■ 4287761898

■ 4287430890

■ 4288357610

■ 4289019114

■ 4289614826

■ 4290210794

■ 4290872042

■ 4291467754

■ 4292063722

■ 4292724970

■ 4293320938

# Harmonies

## Analogous

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



4278215679



4287761898



4293263510

# Triad

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



4287761898



4288564224



4278223504

# Complementary

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



4287761898



4284869133

# 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.



4278222636



4287761898



4283264256

# Square

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



4287761898



4292345856



4278221312



4278223847

# Rectangle

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



4287761898



4294312025



4278221312



4278223216



# Sweetspot

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



4287761898



4293114111



4279068138



4285420672



4278190080



4286611584



# Same Dimension

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



4287761898



4288217343



4293529044



4285622901



4285333685



4280287286



# Inverse Universe

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



4293528933



4294901862



4279101987



4285885038



4290052168

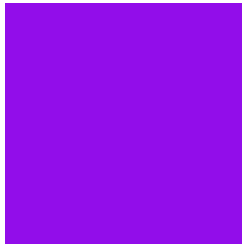


4281729045



# Previews

## White Background



This preview shows how the Android color 4287761898 looks on a white background.

## Color Contrast Check

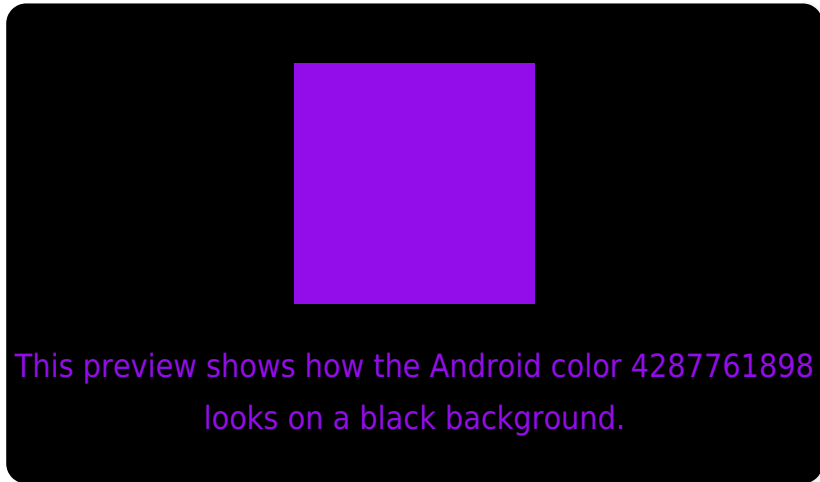
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

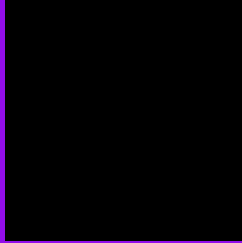
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4287761898 Background



This preview shows how black text looks on a background with the Android color 4287761898.



This preview shows how white text looks on a background with the Android color 4287761898.

# 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**  
4287761898

**Protanopia**  
4278214858

**Deuteranopia**  
4278216366



**Tritanopia**  
4286012515

# Trichromacy



**Original Color**

4287761898



**Protanomaly**

4281680598



**Deuteranomaly**

4281681604



**Tritanomaly**

4286660500

# Monochromacy



**Original Color**

4287761898



**Achromatopsia**

4283321934



**Achromatomaly**

4284954247

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287761898 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(146, 13, 234)` looks like.

```
.text, #text, p{  
    color:rgb(146, 13, 234)  
}
```

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(146, 13, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 13, 234) }
```

## Border

The CSS property to change the border of an element to Android 4287761898 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(146, 13, 234) }
```

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

```
.border{ border-color:rgb(146, 13, 234) }
```

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

Here you see how a box with a 4 pixel rgb(146, 13, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 13, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 13, 234);  
box-shadow:4px 4px 4px 4px rgb(146, 13,  
234) }
```

# Background

The CSS property to change the background color of an element to Android 4287761898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 13, 234) }
```

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

```
.background{ background-color: rgb(146, 13,  
234) }
```

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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