

# Converting Colors

Android(4287631270)

Have a look what the booklet for  
Android(4287631270) contains.

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**Color**

**Android(4287631270)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	900FA6
RGB	144, 15, 166
RGB Percent	56%, 6%, 65%
CMY	0.4353, 0.9412, 0.3490
CMYK	0.13, 0.91, 0.00, 0.35
HSL	291°, 83%, 35%
HSV	291°, 91%, 65%
XYZ	18.5554, 9.0241, 36.8402
YIQ	70.7850, 28.4130, 74.3090

# Conversions

## Conversions Part 2

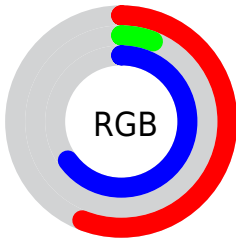
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 15, 166
Decimal	9441190
CIE <sub>Lab</sub>	36.03, 65.78, -49.66
CIE <sub>LCh</sub>	36, 82.422, 322.954
Yxy	9.0241, 0.2880, 0.1401
Android (android.graphics.Color)	4287631270 (0xFF900FA6)
YUV	70.7850, 46.9410, 64.2096
Hunter-Lab	30.0402, 57.6865, -51.6831

# Details

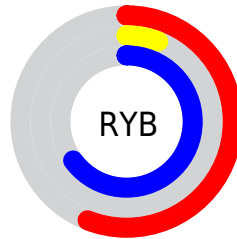
The Android color **4287631270** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **4280657423**, and the grayscale version is **4282795590**.

A 20% lighter version of the original color is **4291449822**, and **4283957361** is the 20% darker color. If you saturate the color by 10%, you get **4287496358**, and if you desaturate by 10%, it is **4287766694**.

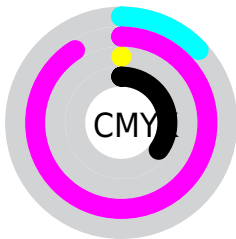
# Distribution



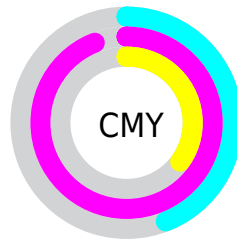
- Red (56%)
- Green (6%)
- Blue (65%)



- Red (56%)
- Yellow (6%)
- Blue (65%)



- Cyan (13%)
- Magenta (91%)
- Yellow (0%)
- Black (35%)



- Cyan (44%)
- Magenta (94%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287631270 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 4287631270 by changing the saturation by 10% instead.



 4287631270

 4287631270

4294967295

 4285792395

 4291449822

 4283957361

 4293357563

 4282187864

 4294937599

 4280483904

 4294945023

 4278190120

 4294952191

 4278190354

 4294959615

 4278190080

 4287631270

 4287631270

 4287496358

 4287766694

 4287967398

 4288102822

 4288303526

 4288438950

 4288639910

 4288775078

 4288910502

 4289111206

# Harmonies

## Analogous

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



4278209490



4287631270



4290510951

# Triad

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



4287631270



4285877504



4278218375

# Complementary

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



4287631270



4280657423

# 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.



4278217795



4287631270



4281688064

# Square

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



4287631270



4288881664



4278216960



4278217920

# Rectangle

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



4287631270



4290838588



4278216960



4278218353



# Sweetspot

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



4287631270



4291862233



4279183014



4285090670



4293783021



4285427310



# Same Dimension

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



4287631270



4290314457



4289073009



4283649108



4286447764



4279304212



# Inverse Universe

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



4289072933



4292411424



4279215684



4283714637



4287889430



4279500803



# Previews

## White Background



This preview shows how the Android color 4287631270 looks on a white background.

## Color Contrast Check

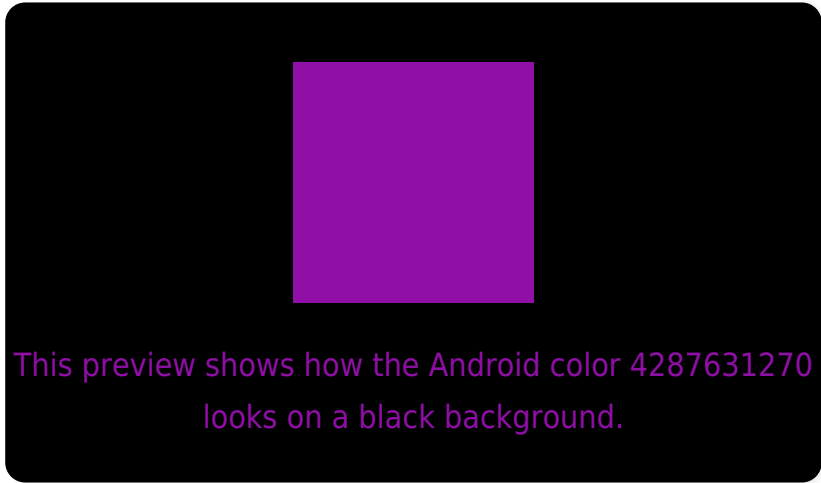
Large Text (above 18pt) WCAG AA ✓ Pass

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

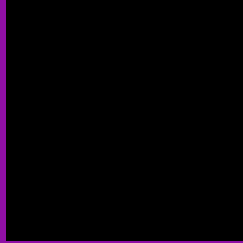
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4287631270 Background



This preview shows how black text looks on a background with the Android color 4287631270.



This preview shows how white text looks on a background with the Android color 4287631270.

# 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**

4287631270

**Protanopia**

4278211760

**Deuteranopia**

4278212764



# Trichromacy



**Original Color**  
4287631270

**Protanomaly**  
4281613228

**Deuteranomaly**  
4281613728

**Tritanomaly**  
4287115114

# Monochromacy



**Original Color**  
4287631270

**Achromatopsia**  
4282861383

**Achromatomaly**  
4284625770

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287631270 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(144, 15, 166)` looks like.

```
.text, #text, p{  
    color:rgb(144, 15, 166)  
}
```

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(144, 15, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 15, 166) }
```

## Border

The CSS property to change the border of an element to Android 4287631270 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(144, 15, 166) }
```

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

```
.border{ border-color:rgb(144, 15, 166) }
```

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

Here you see how a box with a 4 pixel rgb(144, 15, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 15, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 15, 166);  
box-shadow:4px 4px 4px 4px rgb(144, 15,  
166) }
```

# Background

The CSS property to change the background color of an element to Android 4287631270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 15, 166) }
```

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

```
.background{ background-color: rgb(144, 15,  
166) }
```

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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