

# Converting Colors

Android(4286849451)

Have a look what the booklet for  
Android(4286849451) contains.

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# Color

**Android(4286849451)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8421AB
RGB	132, 33, 171
RGB Percent	52%, 13%, 67%
CMY	0.4824, 0.8706, 0.3294
CMYK	0.23, 0.81, 0.00, 0.33
HSL	283°, 68%, 40%
HSV	283°, 81%, 67%
XYZ	17.4103, 8.9335, 39.3348
YIQ	78.3330, 14.7060, 63.9060

# Conversions

## Conversions Part 2

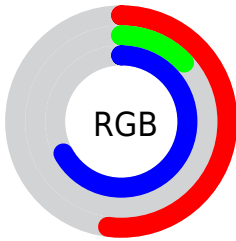
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 33, 171
Decimal	8659371
CIE <sub>Lab</sub>	35.86, 60.44, -53.03
CIE <sub>LCh</sub>	36, 80.412, 318.736
Yxy	8.9335, 0.2651, 0.1360
Android (android.graphics.Color)	4286849451 (0xFF8421AB)
YUV	78.3330, 45.6848, 47.0660
Hunter-Lab	29.8890, 51.6700, -57.1051

# Details

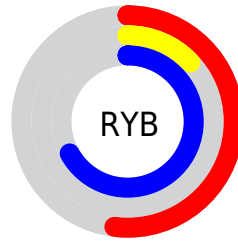
The Android color **4286849451** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4282952481**, and the grayscale version is **4283321934**.

A 20% lighter version of the original color is **4290599907**, and **4283236470** is the 20% darker color. If you saturate the color by 10%, you get **4286517419**, and if you desaturate by 10%, it is **4287181483**.

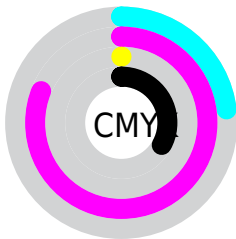
# Distribution



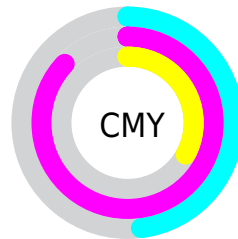
- Red (52%)
- Green (13%)
- Blue (67%)



- Red (52%)
- Yellow (13%)
- Blue (67%)



- Cyan (23%)
- Magenta (81%)
- Yellow (0%)
- Black (33%)



- Cyan (48%)
- Magenta (87%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286849451 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 4286849451 by changing the saturation by 10% instead.



 4286849451

 4286849451

4294967295

 4285005968

 4290599907

 4283236470

 4292507391

 4281401436

 4294480383

 4279566404

 4294946303

 4278190892

 4294953727

 4278190359

 4294961151

 4278190080

 4286849451

 4286849451

 4286517419

 4287181483

■ 4286251179

■ 4287513515

■ 4287780011

■ 4288112043

■ 4288444331

■ 4288776363

■ 4289108395

■ 4289440427

■ 4289706923

# Harmonies

## Analogous

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



4278210514



4286849451



4290117744

# Triad

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



4286849451



4286335232



4278218108

# Complementary

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



4286849451



4282952481

# 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.



4278217529



4286849451



4282473728

# Square

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



4286849451



4289076224



4278216448



4278217910

# Rectangle

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



4286849451



4290641989



4278216448



4278218086



# Sweetspot

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



4286849451



4291799518



4280371371



4284960880



4293980400



4285558896



# Same Dimension

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



4286849451



4288743390



4289405325



4283715159



4285268118



4279238679



# Inverse Universe

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



4289405256



4292740931



4280396607



4283911760



4288020523



4279697414



# Previews

## White Background



This preview shows how the Android color 4286849451 looks on a white background.

## Color Contrast Check

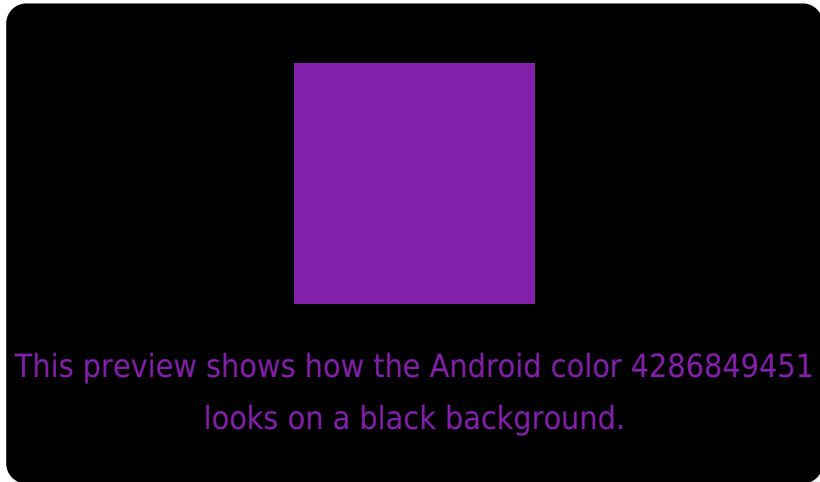
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286849451 Background



This preview shows how black text looks on a background with the Android color 4286849451.



This preview shows how white text looks on a background with the Android color 4286849451.

# 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**

4286849451

**Protanopia**

4278211246

**Deuteranopia**

4278212505



# Trichromacy



**Original Color**  
4286849451



**Protanomaly**  
4281352365



**Deuteranomaly**  
4281353120



**Tritanomaly**  
4286265967

# Monochromacy



**Original Color**  
4286849451



**Achromatopsia**  
4283321934



**Achromatomaly**  
4284628592

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286849451 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(132, 33, 171)` looks like.

```
.text, #text, p{  
    color:rgb(132, 33, 171)  
}
```

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(132, 33, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 33, 171) }
```

## Border

The CSS property to change the border of an element to Android 4286849451 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(132, 33, 171) }
```

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

```
.border{ border-color:rgb(132, 33, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 33, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 33, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 33, 171);  
box-shadow:4px 4px 4px 4px rgb(132, 33,  
171) }
```

# Background

The CSS property to change the background color of an element to Android 4286849451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 33, 171) }
```

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

```
.background{ background-color: rgb(132, 33,  
171) }
```

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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