

# Converting Colors

Android(4287246774)

Have a look what the booklet for  
Android(4287246774) contains.

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# Color

**Android(4287246774)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A31B6
RGB	138, 49, 182
RGB Percent	54%, 19%, 71%
CMY	0.4588, 0.8078, 0.2863
CMYK	0.24, 0.73, 0.00, 0.29
HSL	280°, 58%, 45%
HSV	280°, 73%, 71%
XYZ	20.0230, 10.9773, 45.3195
YIQ	90.7730, 10.3510, 60.2310

# Conversions

## Conversions Part 2

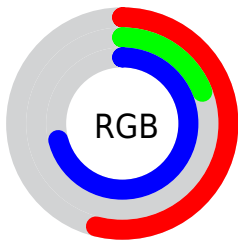
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">138, 49, 182</a>
Decimal	<a href="#">9056694</a>
CIELab	<a href="#">39.54, 58.10, -53.56</a>
CIELCh	<a href="#">40, 79.026, 317.327</a>
Yxy	<a href="#">10.9773, 0.2624, 0.1438</a>
Android (android.graphics.Color)	<a href="#">4287246774</a> ( <a href="#">0xFF8A31B6</a> )
YUV	<a href="#">90.7730, 44.9749, 41.4181</a>
Hunter-Lab	<a href="#">33.1320, 49.8939, -57.9072</a>

# Details

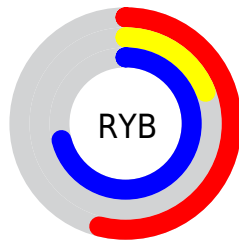
The Android color **4287246774** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **4284331569**, and the grayscale version is **4284111450**.

A 20% lighter version of the original color is **4290996207**, and **4283629696** is the 20% darker color. If you saturate the color by 10%, you get **4286848950**, and if you desaturate by 10%, it is **4287644598**.

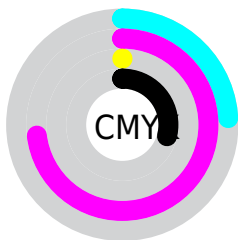
# Distribution



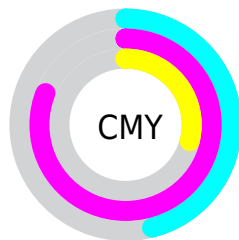
- Red (54%)
- Green (19%)
- Blue (71%)



- Red (54%)
- Yellow (19%)
- Blue (71%)



- Cyan (24%)
- Magenta (73%)
- Yellow (0%)
- Black (29%)



- Cyan (46%)
- Magenta (81%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287246774 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 4287246774 by changing the saturation by 10% instead.



 4287246774

 4287246774

4294967295

 4285403291

 4290996207

 4283629696

 4292903935

 4281794662

 4294876927

 4280156238

 4294949631

 4278190134

 4294957055

 4278190623

 4294964479

 4278190083

 4278190080

 4287246774

 4287246774

■ 4286848950

■ 4287644598

■ 4286451126

■ 4288042422

■ 4286185654

■ 4288440502

■ 4288838326

■ 4289236150

■ 4289633974

■ 4290031798

■ 4290429878

■ 4290827702

# Harmonies

## Analogous

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



4278213083



4287246774



4290642043

# Triad

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



4287246774



4287188992



4278220674

# Complementary

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



4287246774



4284331569

# 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.



4278220094



4287246774



4283393536

# Square

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



4287246774



4289865728



4278218752



4278220220

# Rectangle

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



4287246774



4291297361



4278218752



4278220396



# Sweetspot

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



4287246774



4292655597



4281425334



4285421944



4294440951



4286085240



# Same Dimension

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



4287246774



4289207533



4290130336



4284044124



4285005980



4279435292



# Inverse Universe

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



4290130269



4293729377



4281448007



4284240726



4288413747



4280025097



# Previews

## White Background



This preview shows how the Android color 4287246774 looks on a white background.

## Color Contrast Check

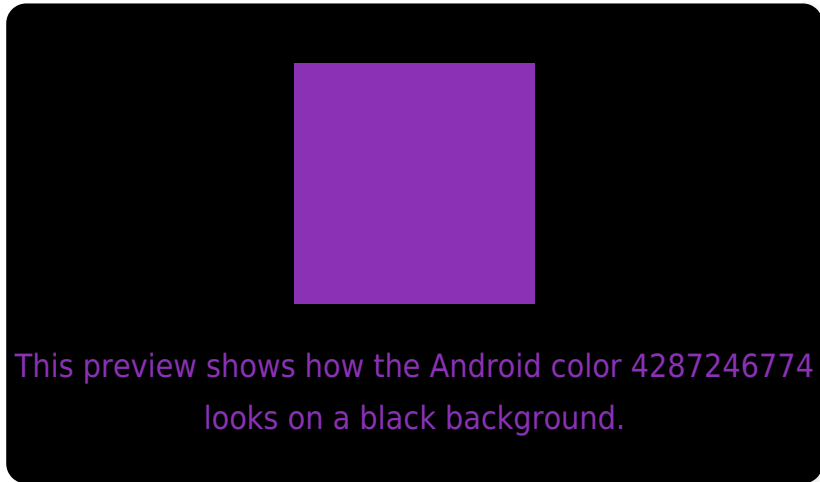
Large Text (above 18pt) WCAG AA ✓ Pass

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

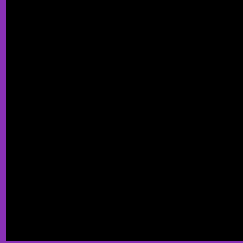
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4287246774 Background



This preview shows how black text looks on a background with the Android color 4287246774.



This preview shows how white text looks on a background with the Android color 4287246774.

# 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**  
4287246774

**Protanopia**  
4278213311

**Deuteranopia**  
4278214824



**Tritanopia**  
4286272088

# Trichromacy



**Original Color**  
4287246774

**Protanomaly**  
4281486268

**Deuteranomaly**  
4281487277

**Tritanomaly**  
4286596730

# Monochromacy



**Original Color**  
4287246774

**Achromatopsia**  
4284177243

**Achromatomaly**  
4285287548

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287246774 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(138, 49, 182)` looks like.

```
.text, #text, p{  
    color:rgb(138, 49, 182)  
}
```

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(138, 49, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 49, 182) }
```

## Border

The CSS property to change the border of an element to Android 4287246774 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(138, 49, 182) }
```

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

```
.border{ border-color:rgb(138, 49, 182) }
```

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

Here you see how a box with a 4 pixel rgb(138, 49, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 49, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 49, 182);  
box-shadow:4px 4px 4px 4px rgb(138, 49,  
182) }
```

# Background

The CSS property to change the background color of an element to Android 4287246774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 49, 182) }
```

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

```
.background{ background-color: rgb(138, 49,  
182) }
```

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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