

# Converting Colors

Android(4287069371)

Have a look what the booklet for  
Android(4287069371) contains.

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# Color

**Android(4287069371)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	877CBB
RGB	135, 124, 187
RGB Percent	53%, 49%, 73%
CMY	0.4706, 0.5137, 0.2667
CMYK	0.28, 0.34, 0.00, 0.27
HSL	250°, 32%, 61%
HSV	250°, 34%, 73%
XYZ	26.1690, 23.1541, 50.1036
YIQ	134.4710, -13.6670, 21.9250

# Conversions

## Conversions Part 2

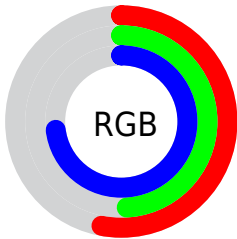
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 124, 187
Decimal	8879291
CIE <sub>Lab</sub>	55.23, 18.25, -31.60
CIE <sub>LCh</sub>	55, 36.486, 300.008
Yxy	23.1541, 0.2632, 0.2329
Android (android.graphics.Color)	4287069371 (0xFF877CBB)
YUV	134.4710, 25.8968, 0.4639
Hunter-Lab	48.1187, 12.8682, -28.0527

# Details

The Android color `4287069371` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4289772412`, and the grayscale version is `4287006342`.

A 20% lighter version of the original color is `4290621939`, and `4283648901` is the 20% darker color. If you saturate the color by 10%, you get `4286081467`, and if you desaturate by 10%, it is `4288057275`.

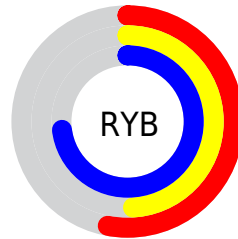
# Distribution



Red (53%)

Green (49%)

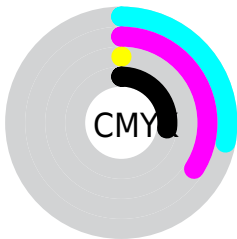
Blue (73%)



Red (53%)

Yellow (49%)

Blue (73%)

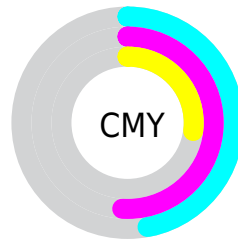


Cyan (28%)

Magenta (34%)

Yellow (0%)

Black (27%)



Cyan (47%)

Magenta (51%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287069371 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 4287069371 by changing the saturation by 10% instead.





4287069371



4287069371

4294967295



4285359008



4290621939



4283648901



4292529407



4282004588



4294437119



4280426323



4278651452



4278190630



4278190350



4278190080



4287069371



4287069371

4286081467

4288057275

4285028283

4289110459

4284040379

4290098363

4282986939

4291151803

4281999035

4292139707

4280945851

4293192891

4280352955

4294180795

4294967227

# Harmonies

## Analogous

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



4283533251



4287069371



4289491364

# Triad

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



4287069371



4289820494



4279473539

# Complementary

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



4287069371



4289772412

# 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.



4283535972



4287069371



4288184900

# Square

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



4287069371



4290735718



4286024780



4278228131

# Rectangle

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



4287069371



4290407568



4286024780



4281242744



# Sweetspot

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



4287069371



4292795122



4286361787



4285426810



4294638330



4286216826



# Same Dimension

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



4287069371



4288844274



4289100987



4283913566



4280025246



4278517791



# Inverse Universe

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



4290477232



4294087137



4287740796



4284372317



4288544898



4280221721



# Previews

## White Background



This preview shows how the Android color 4287069371 looks on a white background.

## Color Contrast Check

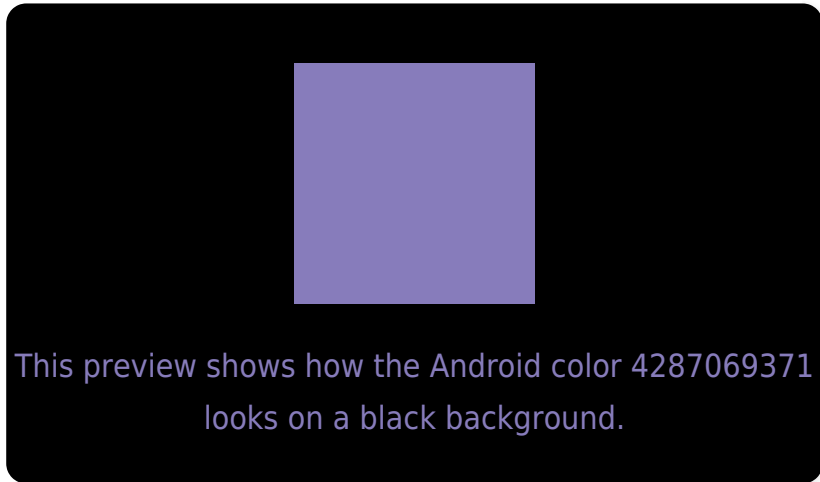
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black 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

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



# Android 4287069371 Background



This preview shows how black text looks on a background with the Android color 4287069371.



This preview shows how white text looks on a background with the Android color 4287069371.

# 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](#).

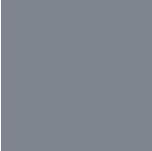
## Dichromacy



**Original Color**  
4287069371

**Protanopia**  
4285563584

**Deuteranopia**  
4285694906



**Tritanopia**  
4286481807

# Trichromacy



**Original Color**  
4287069371

**Protanomaly**  
4286087358

**Deuteranomaly**  
4286218426

**Tritanomaly**  
4286677663

# Monochromacy



**Original Color**  
4287069371

**Achromatopsia**  
4287006342

**Achromatomaly**  
4287005337

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287069371 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(135, 124, 187)` looks like.

```
.text, #text, p{  
    color:rgb(135, 124, 187)  
}
```

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(135, 124, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 124, 187) }
```

## Border

The CSS property to change the border of an element to Android 4287069371 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(135, 124, 187) }
```

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

```
.border{ border-color:rgb(135, 124, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 124, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 124, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 124, 187);  
box-shadow:4px 4px 4px 4px rgb(135, 124,  
187) }
```

# Background

The CSS property to change the background color of an element to Android 4287069371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 124, 187) }
```

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

```
.background{ background-color: rgb(135,  
124, 187) }
```

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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