

Converting Colors

Android(4286803873)

Have a look what the booklet for
Android(4286803873) contains.

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Color

Android(4286803873)

Conversions

Conversions Part 1

Format	Color
Hex	836FA1
RGB	131, 111, 161
RGB Percent	51%, 44%, 63%
CMY	0.4863, 0.5647, 0.3686
CMYK	0.19, 0.31, 0.00, 0.37
HSL	264°, 21%, 53%
HSV	264°, 31%, 63%
XYZ	21.4775, 18.7674, 36.2087
YIQ	122.6800, -4.1300, 19.7900

Conversions

Conversions Part 2

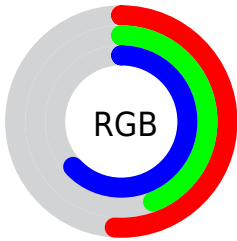
Format	Color
RYB	131, 111, 161
Decimal	8613793
CIELab	50.41, 18.28, -24.06
CIELCh	50, 30.213, 307.228
Yxy	18.7674, 0.2809, 0.2455
Android (android.graphics.Color)	4286803873 (0xFF836FA1)
YUV	122.6800, 18.8918, 7.2966
Hunter-Lab	43.3213, 12.6831, -19.2306

Details

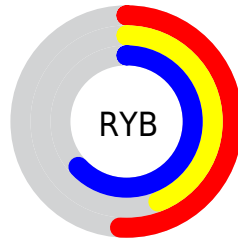
The Android color `4286803873` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4287471983`, and the grayscale version is `4286282619`.

A 20% lighter version of the original color is `4290356184`, and `4283514733` is the 20% darker color. If you saturate the color by 10%, you get `4286144417`, and if you desaturate by 10%, it is `4287463329`.

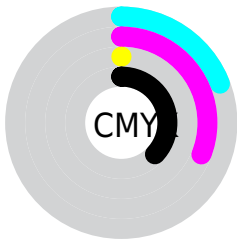
Distribution



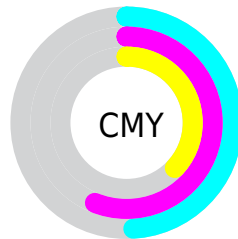
- Red (51%)
- Green (44%)
- Blue (63%)



- Red (51%)
- Yellow (44%)
- Blue (63%)



- Cyan (19%)
- Magenta (31%)
- Yellow (0%)
- Black (37%)



- Cyan (49%)
- Magenta (56%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286803873 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 4286803873 by changing the saturation by 10% instead.

 4286803873

 4286803873

4294967295

 4285093767

 4290356184

 4283514733

 4292198132

 4281936213

 4294040319

 4280423485

 4294964991

 4279304232

 4278190353

 4278190080

 4286803873

 4286803873

 4286144417

 4287463329

4285550497

4288057249

4284891041

4288716705

4284231585

4289376161

4283637409

4289970337

4282977953

4290629793

4282384545

4291289249

4291883169

4292542369

Harmonies

Analogous

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



4284250283



4286803873



4288505740

Triad

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



4286803873



4288245833



4280256126

Complementary

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



4286803873



4287471983

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.



4282877027



4286803873



4286806084

Square

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



4286803873



4289161050



4284973134



4278224022

Rectangle

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



4286803873



4289160315



4284973134



4281238901

Sweetspot

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



4286803873



4291215057



4285500833



4284636521



4293454056



4285098345

Same Dimension

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



4286803873



4288906449



4288376737



4283255122



4281991313



4278648850

Inverse Universe

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



4288769933



4291921074



4285899119



4283582798



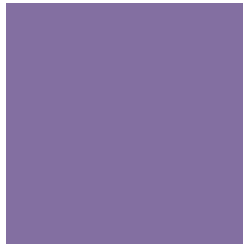
4287692887



4279369739

Previews

White Background



This preview shows how the Android color 4286803873 looks on a white background.

Color Contrast Check

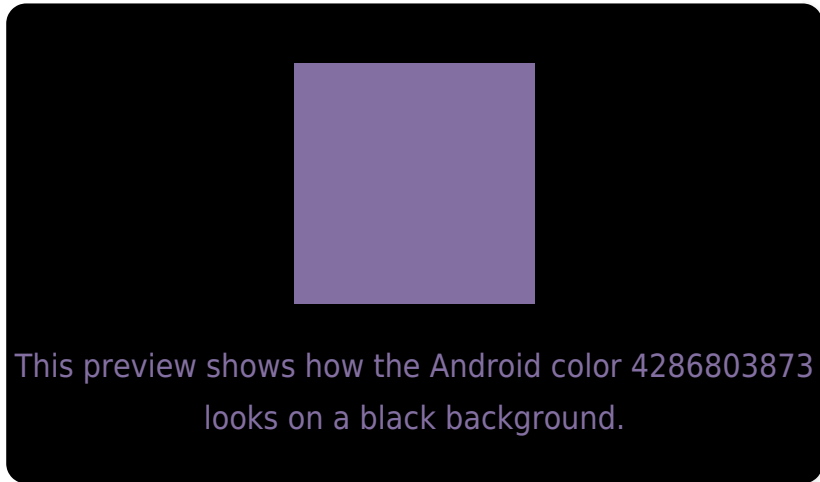
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286803873 Background



This preview shows how black text looks on a background with the Android color 4286803873.



This preview shows how white text looks on a background with the Android color 4286803873.

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
4286803873

Protanopia
4285167271

Deuteranopia
4285429408



Tritanopia
4286412415

Trichromacy



Original Color

4286803873

Protanomaly

4285756325

Deuteranomaly

4285952928

Tritanomaly

4286542731

Monochromacy



Original Color

4286803873

Achromatopsia

4286282619

Achromatomaly

4286478217

CSS Examples

Text

The CSS property to change the color of the text to Android 4286803873 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(131, 111, 161)` looks like.

```
.text, #text, p{  
    color:rgb(131, 111, 161)  
}
```

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(131, 111, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 111, 161) }
```

Border

The CSS property to change the border of an element to Android 4286803873 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(131, 111, 161) }
```

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

```
.border{ border-color:rgb(131, 111, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 111, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 111, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 111, 161);  
box-shadow:4px 4px 4px 4px rgb(131, 111,  
161) }
```

Background

The CSS property to change the background color of an element to Android 4286803873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 111, 161) }
```

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

```
.background{ background-color: rgb(131,  
111, 161) }
```

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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