

# Converting Colors

Android(4286078087)

Have a look what the booklet for  
Android(4286078087) contains.

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# Color

**Android(4286078087)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	785C87
RGB	120, 92, 135
RGB Percent	47%, 36%, 53%
CMY	0.5294, 0.6392, 0.4706
CMYK	0.11, 0.32, 0.00, 0.47
HSL	279°, 19%, 45%
HSV	279°, 32%, 53%
XYZ	15.9460, 13.3966, 24.6670
YIQ	105.2740, 2.8850, 19.3090

# Conversions

## Conversions Part 2

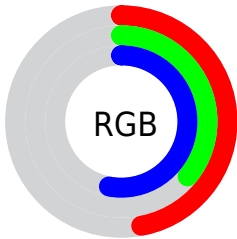
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 92, 135
Decimal	7888007
CIE <sub>Lab</sub>	43.35, 19.93, -19.59
CIE <sub>LCh</sub>	43, 27.941, 315.494
Yxy	13.3966, 0.2952, 0.2480
Android (android.graphics.Color)	4286078087 (0xFF785C87)
YUV	105.2740, 14.6549, 12.9147
Hunter-Lab	36.6014, 13.7142, -14.3367

# Details

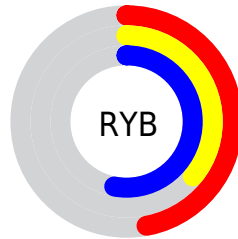
The Android color `4286078087` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4285237084`, and the grayscale version is `4285098345`.

A 20% lighter version of the original color is `4289564604`, and `4282854997` is the 20% darker color. If you saturate the color by 10%, you get `4285747079`, and if you desaturate by 10%, it is `4286409351`.

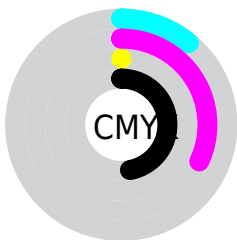
# Distribution



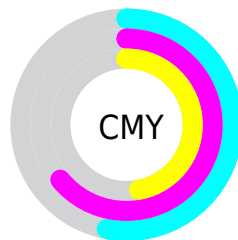
- Red (47%)
- Green (36%)
- Blue (53%)



- Red (47%)
- Yellow (36%)
- Blue (53%)



- Cyan (11%)
- Magenta (32%)
- Yellow (0%)
- Black (47%)



- Cyan (53%)
- Magenta (64%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286078087 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 4286078087 by changing the saturation by 10% instead.





4286078087



4286078087

4294967295



4284433518



4289564604



4282854997



4291340760



4281342014



4293248245



4280025128



4294959359



4278190354



4294966783



4278190080



4286078087



4286078087



4285747079



4286409351



4285481351



4286674823

 4285150087

 4287005831

 4284819079

 4287337095

 4284488071

 4287668359

 4284222343

 4287933831

 4283957383

 4288265095

 4288596103

 4288861831

# Harmonies

## Analogous

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



4283983251



4286078087



4287386995

# Triad

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



4286078087



4286538042



4278219634

# Complementary

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



4286078087



4285237084

# 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.



4281430618



4286078087



4285098297

# Square

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



4286078087



4287519046



4283395909



4278219143

# Rectangle

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



4286078087



4287779939



4283395909



4279595882



# Sweetspot

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



4286078087



4289371824



4284246919



4283846489



4292467161



4284045657



# Same Dimension

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



4286078087



4288245168



4287061121



4282399810



4283760770



4278321155



# Inverse Universe

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



4287061099



4289752452



4284254050



4282530878



4286709805

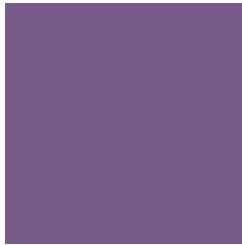


4278386689



# Previews

## White Background



This preview shows how the Android color 4286078087 looks on a white background.

## Color Contrast Check

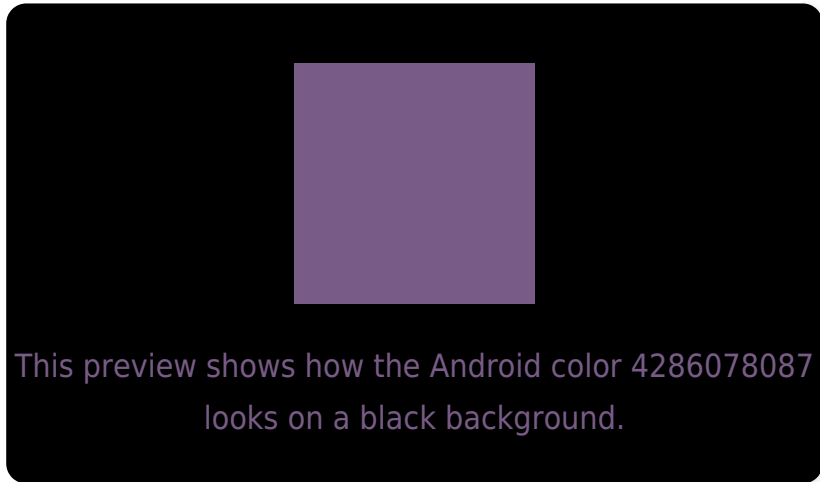
Large Text (above 18pt) WCAG AA ✓ Pass

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

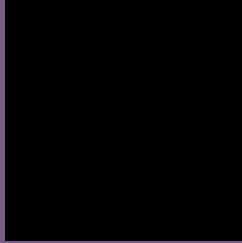
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4286078087 Background



This preview shows how black text looks on a background with the Android color 4286078087.



This preview shows how white text looks on a background with the Android color 4286078087.

# 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**  
4286078087

**Protanopia**  
4284114318

**Deuteranopia**  
4284507525



**Tritanopia**  
4285751913

# Trichromacy



**Original Color**

4286078087

**Protanomaly**

4284834443

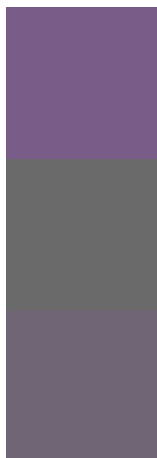
**Deuteranomaly**

4285096582

**Tritanomaly**

4285882484

# Monochromacy



**Original Color**

4286078087

**Achromatopsia**

4285098345

**Achromatomaly**

4285424756

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286078087 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(120, 92, 135)` looks like.

```
.text, #text, p{  
  color:rgb(120, 92, 135)  
}
```

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(120, 92, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 92, 135) }
```

## Border

The CSS property to change the border of an element to Android 4286078087 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(120, 92, 135) }
```

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

```
.border{ border-color:rgb(120, 92, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 92, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 92, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 92, 135);  
box-shadow:4px 4px 4px 4px rgb(120, 92,  
135) }
```

# Background

The CSS property to change the background color of an element to Android 4286078087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 92, 135) }
```

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

```
.background{ background-color: rgb(120, 92,  
135) }
```

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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