

# Converting Colors

Android(4287064726)

Have a look what the booklet for  
Android(4287064726) contains.

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# Color

**Android(4287064726)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	876A96
RGB	135, 106, 150
RGB Percent	53%, 42%, 59%
CMY	0.4706, 0.5843, 0.4118
CMYK	0.10, 0.29, 0.00, 0.41
HSL	280°, 17%, 50%
HSV	280°, 29%, 59%
XYZ	20.6507, 17.6610, 31.1747
YIQ	119.6870, 3.1600, 19.8320

# Conversions

## Conversions Part 2

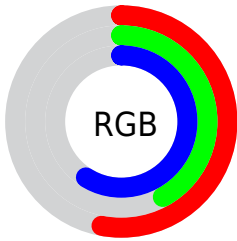
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 106, 150
Decimal	8874646
CIE <sub>Lab</sub>	49.08, 20.06, -19.61
CIE <sub>LCh</sub>	49, 28.051, 315.652
Yxy	17.6610, 0.2972, 0.2542
Android (android.graphics.Color)	4287064726 (0xFF876A96)
YUV	119.6870, 14.9443, 13.4295
Hunter-Lab	42.0250, 14.1698, -14.5646

# Details

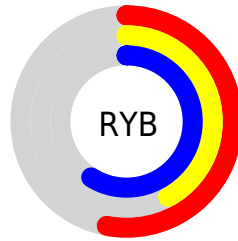
The Android color `4287064726` is a dark color, and the websafe version is hex `996699`. A complement of this color would be `4286158442`, and the grayscale version is `4286085240`.

A 20% lighter version of the original color is `4290617036`, and `4283775587` is the 20% darker color. If you saturate the color by 10%, you get `4286733206`, and if you desaturate by 10%, it is `4287396246`.

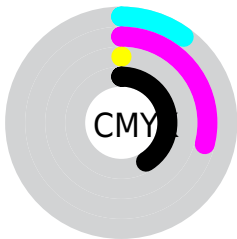
# Distribution



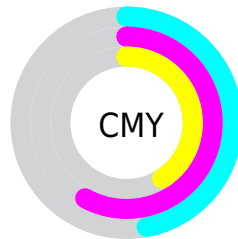
- Red (53%)
- Green (42%)
- Blue (59%)



- Red (53%)
- Yellow (42%)
- Blue (59%)



- Cyan (10%)
- Magenta (29%)
- Yellow (0%)
- Black (41%)



- Cyan (47%)
- Magenta (58%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287064726 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 4287064726 by changing the saturation by 10% instead.





4287064726



4287064726

4294967295



4285354620



4290617036



4283775587



4292458984



4282197067



4294300927



4280684340



4294963711



4279435295



4278190082



4278190080



4287064726



4287064726



4286733206



4287396246

4286401686

4287727766

4286070166

4288059286

4285738646

4288390806

4285341590

4288787862

4285010070

4289119382

4284678550

4289450902

4284678294

4289782422

4290113942

# Harmonies

## Analogous

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



4284969890



4287064726



4288439425

# Triad

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



4287064726



4287524679



4280254849

# Complementary

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



4287064726



4286158442

# 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.



4282351976



4287064726



4286084934

# Square

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



4287064726



4288571220



4284317011



4279795606

# Rectangle

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



4287064726



4288832113



4284317011



4280910200



# Sweetspot

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



4287064726



4290556098



4285168022



4284307041



4292927712



4284572001



# Same Dimension

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



4287064726



4289429186



4288047759



4282860362



4284153994



4278648842



# Inverse Universe

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



4288047737



4290936469



4285175409



4283056965



4287234095

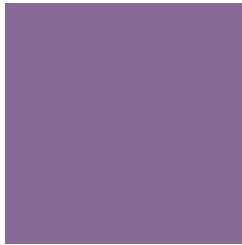


4278845443



# Previews

## White Background



This preview shows how the Android color 4287064726 looks on a white background.

## Color Contrast Check

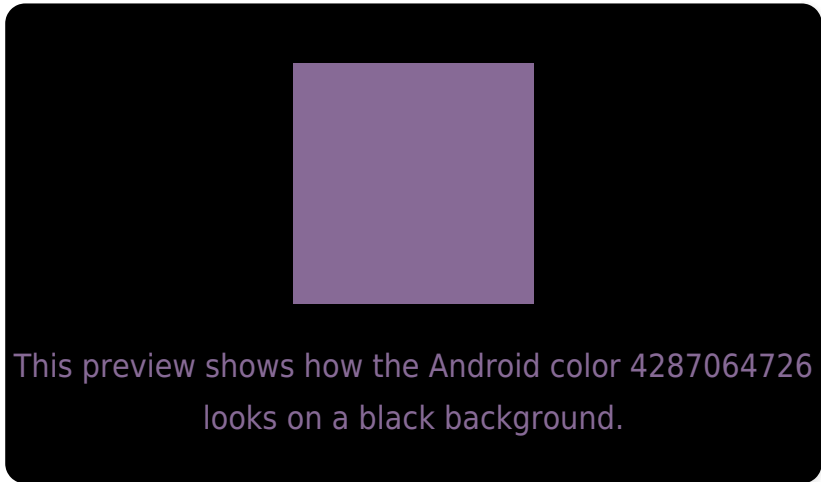
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 4287064726 Background



This preview shows how black text looks on a background with the Android color 4287064726.



This preview shows how white text looks on a background with the Android color 4287064726.

# 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**


4287064726

**Protanopia**

4285100957

**Deuteranopia**

4285559700



**Tritanopia**  
4286738552

# Trichromacy



**Original Color**  
4287064726

**Protanomaly**  
4285821082

**Deuteranomaly**  
4286083221

**Tritanomaly**  
4286869123

# Monochromacy



**Original Color**  
4287064726

**Achromatopsia**  
4286085240

**Achromatomaly**  
4286411651

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287064726 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, 106, 150)` looks like.

```
.text, #text, p{  
    color:rgb(135, 106, 150)  
}
```

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, 106, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 106, 150) }
```

## Border

The CSS property to change the border of an element to Android 4287064726 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, 106, 150) }
```

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

```
.border{ border-color:rgb(135, 106, 150) }
```

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

Here you see how a box with a 4 pixel rgb(135, 106, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 106, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 106, 150);  
box-shadow:4px 4px 4px 4px rgb(135, 106,  
150) }
```

# Background

The CSS property to change the background color of an element to Android 4287064726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 106, 150) }
```

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

```
.background{ background-color: rgb(135,  
106, 150) }
```

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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