

# Converting Colors

Android(4286656426)

Have a look what the booklet for  
Android(4286656426) contains.

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# Color

**Android(4286656426)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	812FAA
RGB	129, 47, 170
RGB Percent	51%, 18%, 67%
CMY	0.4941, 0.8157, 0.3333
CMYK	0.24, 0.72, 0.00, 0.33
HSL	280°, 57%, 43%
HSV	280°, 72%, 67%
XYZ	17.3255, 9.6024, 38.9705
YIQ	85.5400, 9.3890, 55.6370

# Conversions

## Conversions Part 2

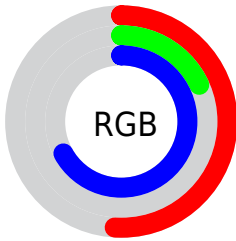
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 47, 170
Decimal	8466346
CIE Lab	37.12, 54.54, -50.42
CIE LCh	37, 74.270, 317.249
Yxy	9.6024, 0.2629, 0.1457
Android (android.graphics.Color)	4286656426 (0xFF812FAA)
YUV	85.5400, 41.6388, 38.1144
Hunter-Lab	30.9878, 45.5718, -52.8721

# Details

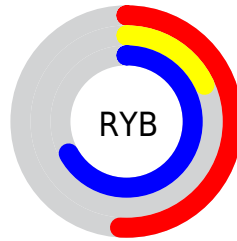
The Android color **4286656426** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4284000815**, and the grayscale version is **4283782485**.

A 20% lighter version of the original color is **4290340066**, and **4283039861** is the 20% darker color. If you saturate the color by 10%, you get **4286258858**, and if you desaturate by 10%, it is **4287053994**.

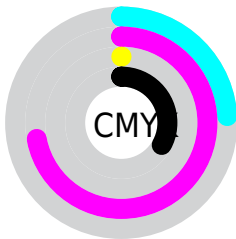
# Distribution



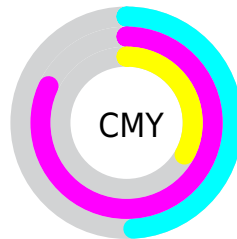
- Red (51%)
- Green (18%)
- Blue (67%)



- Red (51%)
- Yellow (18%)
- Blue (67%)



- Cyan (24%)
- Magenta (72%)
- Yellow (0%)
- Black (33%)



- Cyan (49%)
- Magenta (82%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286656426 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 4286656426 by changing the saturation by 10% instead.





4286656426



4286656426

4294967295



4284878735



4290340066



4283039861



4292247551



4281270363



4294220543



4279566403



4294948607



4278190892



4294956031



4278190358



4294963455



4278190080



4286656426



4286656426



4286258858



4287053994

■ 4285926826

■ 4287386026

■ 4285595818

■ 4287783594

■ 4288181162

■ 4288513194

■ 4288910762

■ 4289308330

■ 4289640362

■ 4290037930

# Harmonies

## Analogous

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



4278211788



4286656426



4289790068

# Triad

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



4286656426



4286597888



4278218618

# Complementary

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



4286656426



4284000815

# 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.



4278218043



4286656426



4283129600

# Square

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



4286656426



4289144320



4278216960



4278218416

# Rectangle

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



4286656426



4290445388



4278216960



4278218597



# Sweetspot

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



4286656426



4291735006



4281292970



4284896112



4293980400



4285558896



# Same Dimension

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



4286656426



4288552414



4289343381



4283518036



4284678292



4279107604



# Inverse Universe

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



4289343320



4292746589



4281313859



4283714639



4287889457



4279500807



# Previews

## White Background



This preview shows how the Android color 4286656426 looks on a white background.

## Color Contrast Check

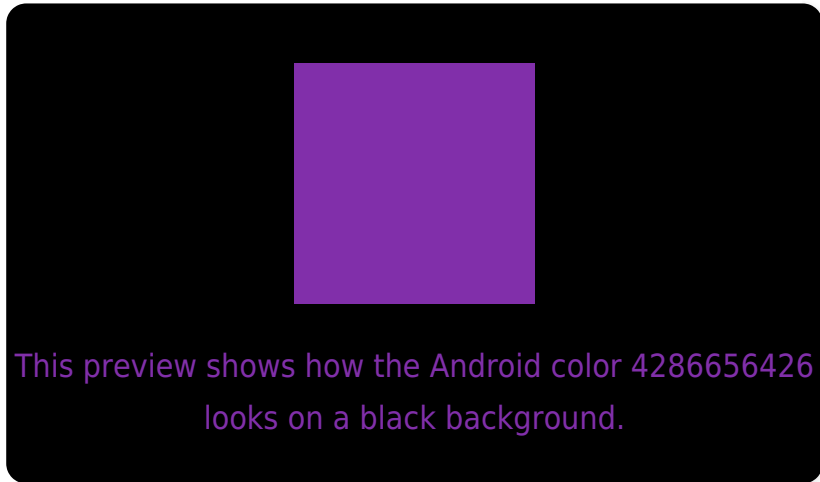
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4286656426 Background



This preview shows how black text looks on a background with the Android color 4286656426.



This preview shows how white text looks on a background with the Android color 4286656426.

# 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**  
4286656426

**Protanopia**  
4278212020

**Deuteranopia**  
4278213278



# Trichromacy



**Original Color**

4286656426



**Protanomaly**

4281288624



**Deuteranomaly**

4281289378



**Tritanomaly**

4286071411

# Monochromacy



**Original Color**

4286656426



**Achromatopsia**

4283848278



**Achromatomaly**

4284893301

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286656426 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(129, 47, 170)` looks like.

```
.text, #text, p{  
    color:rgb(129, 47, 170)  
}
```

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(129, 47, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 47, 170) }
```

## Border

The CSS property to change the border of an element to Android 4286656426 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(129, 47, 170) }
```

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

```
.border{ border-color:rgb(129, 47, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 47, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 47, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 47, 170);  
box-shadow:4px 4px 4px 4px rgb(129, 47,  
170) }
```

# Background

The CSS property to change the background color of an element to Android 4286656426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 47, 170) }
```

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

```
.background{ background-color: rgb(129, 47,  
170) }
```

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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