

# Converting Colors

Android(4286992804)

Have a look what the booklet for  
Android(4286992804) contains.

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# Color

**Android(4286992804)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8651A4
RGB	134, 81, 164
RGB Percent	53%, 32%, 64%
CMY	0.4745, 0.6824, 0.3569
CMYK	0.18, 0.51, 0.00, 0.36
HSL	278°, 34%, 48%
HSV	278°, 51%, 64%
XYZ	19.4748, 13.6335, 36.7271
YIQ	106.3090, 4.9450, 37.0490

# Conversions

## Conversions Part 2

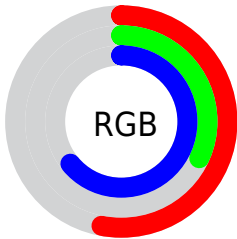
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 81, 164
Decimal	8802724
CIELab	43.70, 37.43, -36.29
CIELCh	44, 52.131, 315.889
Yxy	13.6335, 0.2789, 0.1952
Android (android.graphics.Color)	4286992804 (0xFF8651A4)
YUV	106.3090, 28.4417, 24.2850
Hunter-Lab	36.9236, 29.5308, -33.1279

# Details

The Android color `4286992804` is a dark color, and the websafe version is hex `9966CC`. A complement of this color would be `4285506641`, and the grayscale version is `4285164138`.

A 20% lighter version of the original color is `4290610395`, and `4283572592` is the 20% darker color. If you saturate the color by 10%, you get `4286595492`, and if you desaturate by 10%, it is `4287390116`.

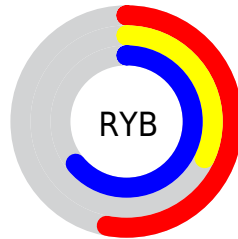
# Distribution



Red (53%)

Green (32%)

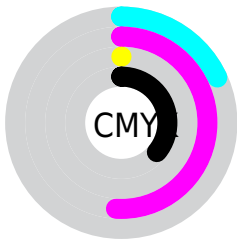
Blue (64%)



Red (53%)

Yellow (32%)

Blue (64%)

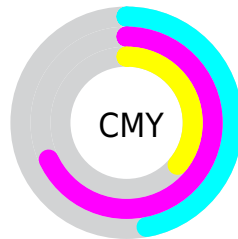


Cyan (18%)

Magenta (51%)

Yellow (0%)

Black (36%)



Cyan (47%)

Magenta (68%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286992804 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 4286992804 by changing the saturation by 10% instead.



 4286992804

 4286992804

4294967295

 4285282697

 4290610395

 4283572592

 4292452344

 4281927255

 4294359807

 4280352831

 4294956799

 4278190120

 4294964223

 4278190354

 4278190080

 4286992804

 4286992804

 4286595492

 4287390116

■ 4286197924

■ 4287787684

■ 4285800612

■ 4288184996

■ 4285403044

■ 4288582564

■ 4285071524

■ 4288979876

■ 4289377188

■ 4289709220

■ 4290106532

■ 4290504100

# Harmonies

## Analogous

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



4281951419



4286992804



4289412990

# Triad

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



4286992804



4287454724



4278221694

# Complementary

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



4286992804



4285506641

# 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.



4278221393



4286992804



4284967936

# Square

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



4286992804



4289284906



4281496870



4278221221

# Rectangle

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



4286992804



4290001761



4281496870



4278221679



# Sweetspot

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



4286992804



4291540694



4283527076



4284766315



4293651435



4285229931



# Same Dimension

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



4286992804



4289156310



4288958873



4283386194



4284285073



4278910994



# Inverse Universe

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



4288958831



4292236419



4283540572



4283582796



4287692853



4279369734



# Previews

## White Background



This preview shows how the Android color 4286992804 looks on a white background.

## Color Contrast Check

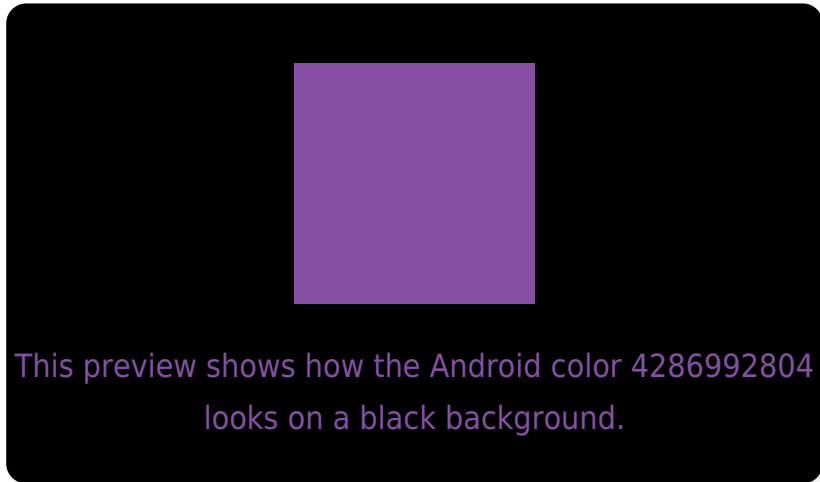
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286992804 Background



This preview shows how black text looks on a background with the Android color 4286992804.




This preview shows how white text looks on a background with the Android color 4286992804.

# 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





**Tritanopia**  
4286341223

# Trichromacy



**Original Color**  
4286992804

**Protanomaly**  
4284178095

**Deuteranomaly**  
4284506017

**Tritanomaly**  
4286602109

# Monochromacy



**Original Color**  
4286992804

**Achromatopsia**  
4285164138

**Achromatomaly**  
4285817215

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286992804 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(134, 81, 164)` looks like.

```
.text, #text, p{  
    color:rgb(134, 81, 164)  
}
```

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(134, 81, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 81, 164) }
```

## Border

The CSS property to change the border of an element to Android 4286992804 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(134, 81, 164) }
```

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

```
.border{ border-color:rgb(134, 81, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 81, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 81, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 81, 164);  
box-shadow:4px 4px 4px 4px rgb(134, 81,  
164) }
```

# Background

The CSS property to change the background color of an element to Android 4286992804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 81, 164) }
```

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

```
.background{ background-color: rgb(134, 81,  
164) }
```

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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