

# Converting Colors

Android(4287646884)

Have a look what the booklet for  
Android(4287646884) contains.

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# Color

**Android(4287646884)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	904CA4
RGB	144, 76, 164
RGB Percent	56%, 30%, 64%
CMY	0.4353, 0.7020, 0.3569
CMYK	0.12, 0.54, 0.00, 0.36
HSL	286°, 37%, 47%
HSV	286°, 54%, 64%
XYZ	20.7869, 13.7785, 36.6859
YIQ	106.3640, 12.2800, 41.7840

# Conversions

## Conversions Part 2

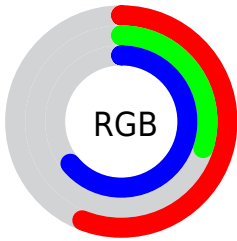
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	144, 76, 164
Decimal	9456804
CIELab	43.91, 43.00, -35.87
CIELCh	44, 55.995, 320.164
Yxy	13.7785, 0.2917, 0.1934
Android (android.graphics.Color)	4287646884 (0xFF904CA4)
YUV	106.3640, 28.4145, 33.0068
Hunter-Lab	37.1194, 35.0011, -32.6139

# Details

The Android color **4287646884** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4284523596**, and the grayscale version is **4285164138**.

A 20% lighter version of the original color is **4291330267**, and **4284160368** is the 20% darker color. If you saturate the color by 10%, you get **4287380644**, and if you desaturate by 10%, it is **4287913124**.

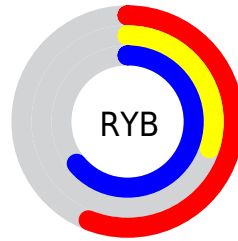
# Distribution



Red (56%)

Green (30%)

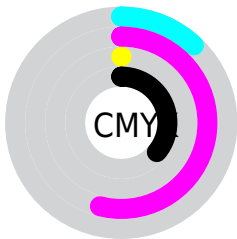
Blue (64%)



Red (56%)

Yellow (30%)

Blue (64%)

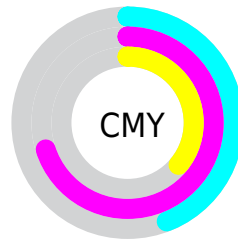


Cyan (12%)

Magenta (54%)

Yellow (0%)

Black (36%)



Cyan (44%)

Magenta (70%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287646884 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 4287646884 by changing the saturation by 10% instead.



 4287646884

 4287646884

4294967295

 4285870985

 4291330267

 4284160368

 4293171960

 4282450007

 4294948607

 4280877119

 4294955775

 4278845480

 4294963199

 4278190354

 4278190080

 4287646884

 4287646884

 4287380644

 4287913124

4287179684

4288114084

4286913444

4288380324

4286646948

4288646820

4286513316

4288913060

4289113764

4289380260

4289646500

4289912996

# Harmonies

## Analogous

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



4282671808



4287646884



4289935481

# Triad

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



4287646884



4287258624



4278222215

# Complementary

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



4287646884



4284523596

# 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.



4278221910



4287646884



4284444416

# Square

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



4287646884



4289350688



4280186919



4278221487

# Rectangle

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



4287646884



4290393690



4280186919



4278222199



# Sweetspot

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



4287646884



4291736790



4283195812



4284897131



4293651435



4285229931



# Same Dimension

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



4287646884



4290203094



4288957581



4283451730



4285530257



4279107602



# Inverse Universe

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



4288957536



4292234604



4283212899



4283582795



4287692833

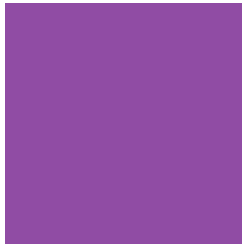


4279369732



# Previews

## White Background



This preview shows how the Android color 4287646884 looks on a white background.

## Color Contrast Check

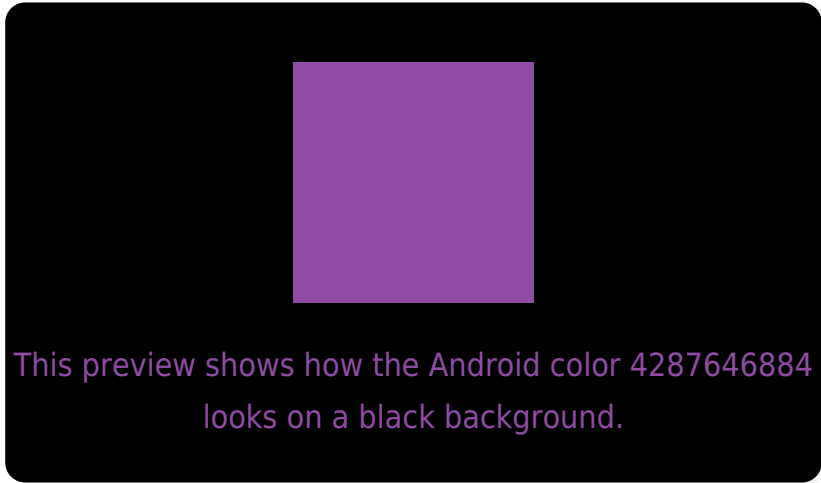
Large Text (above 18pt) WCAG AA ✓ Pass

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 4287646884 Background



This preview shows how black text looks on a background with the Android color 4287646884.




This preview shows how white text looks on a background with the Android color 4287646884.

# 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**  
4287061091

# Trichromacy



**Original Color**  
4287646884

**Protanomaly**  
4284243123

**Deuteranomaly**  
4284898977

**Tritanomaly**  
4287256187

# Monochromacy



**Original Color**  
4287646884

**Achromatopsia**  
4285164138

**Achromatomaly**  
4286078847

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287646884 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(144, 76, 164)` looks like.

```
.text, #text, p{  
    color:rgb(144, 76, 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(144, 76, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 76, 164) }
```

## Border

The CSS property to change the border of an element to Android 4287646884 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(144, 76, 164) }
```

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

```
.border{ border-color:rgb(144, 76, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 76, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 76, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 76, 164);  
box-shadow:4px 4px 4px 4px rgb(144, 76,  
164) }
```

# Background

The CSS property to change the background color of an element to Android 4287646884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 76, 164) }
```

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

```
.background{ background-color: rgb(144, 76,  
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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