

# Converting Colors

Android(4287264684)

Have a look what the booklet for  
Android(4287264684) contains.

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# Color

**Android(4287264684)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A77AC
RGB	138, 119, 172
RGB Percent	54%, 47%, 67%
CMY	0.4588, 0.5333, 0.3255
CMYK	0.20, 0.31, 0.00, 0.33
HSL	262°, 24%, 57%
HSV	262°, 31%, 67%
XYZ	24.5245, 21.5755, 41.9016
YIQ	130.7230, -5.6890, 20.5110

# Conversions

## Conversions Part 2

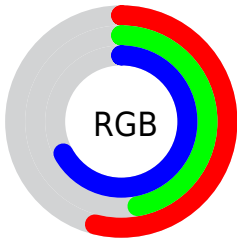
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	138, 119, 172
Decimal	9074604
CIE Lab	53.57, 18.43, -25.52
CIE LCh	54, 31.478, 305.834
Yxy	21.5755, 0.2787, 0.2452
Android (android.graphics.Color)	4287264684 (0xFF8A77AC)
YUV	130.7230, 20.3496, 6.3819
Hunter-Lab	46.4494, 12.9583, -20.9704

# Details

The Android color `4287264684` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4288261239`, and the grayscale version is `4286808963`.

A 20% lighter version of the original color is `4290816996`, and `4283909751` is the 20% darker color. If you saturate the color by 10%, you get `4286539436`, and if you desaturate by 10%, it is `4287989932`.

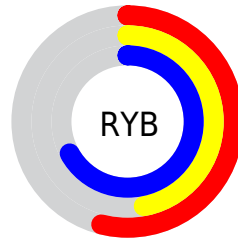
# Distribution



Red (54%)

Green (47%)

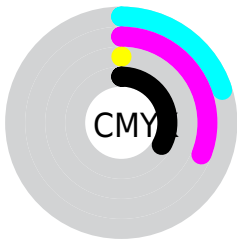
Blue (67%)



Red (54%)

Yellow (47%)

Blue (67%)

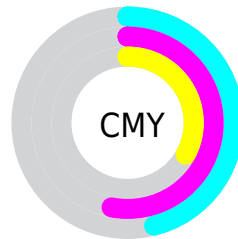


Cyan (20%)

Magenta (31%)

Yellow (0%)

Black (33%)



Cyan (46%)

Magenta (53%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287264684 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 4287264684 by changing the saturation by 10% instead.



 4287264684

 4287264684

4294967295

 4285554321

 4290816996

 4283909751

 4292659199

 4282331231

 4294566911

 4280752967

 4279435824

 4278190363

 4278190080

 4287264684

 4287264684

 4286539436

 4287989932

4285814188

4288715180

4285088684

4289440684

4284363436

4290165932

4283638188

4290891180

4282912940

4291616428

4282253484

4292341676

4293066668

4293787564

# Harmonies

## Analogous

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



4284580278



4287264684



4289097367

# Triad

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



4287264684



4288968527



4280651397

# Complementary

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



4287264684



4288261239

# 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.



4283338089



4287264684



4287463497

# Square

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



4287264684



4289883746



4285565011



4278226335

# Rectangle

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



4287264684



4289817477



4285565011



4281634427



# Sweetspot

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



4287264684



4292070624



4286028204



4285031536



4293980400



4285558896



# Same Dimension

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



4287264684



4289433056



4288968620



4283518551



4281729174



4278714391



# Inverse Universe

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



4289492889



4292906435



4286557303



4283911764



4288020577

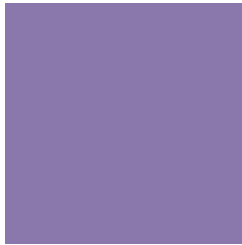


4279697423



# Previews

## White Background



This preview shows how the Android color 4287264684 looks on a white background.

## Color Contrast Check

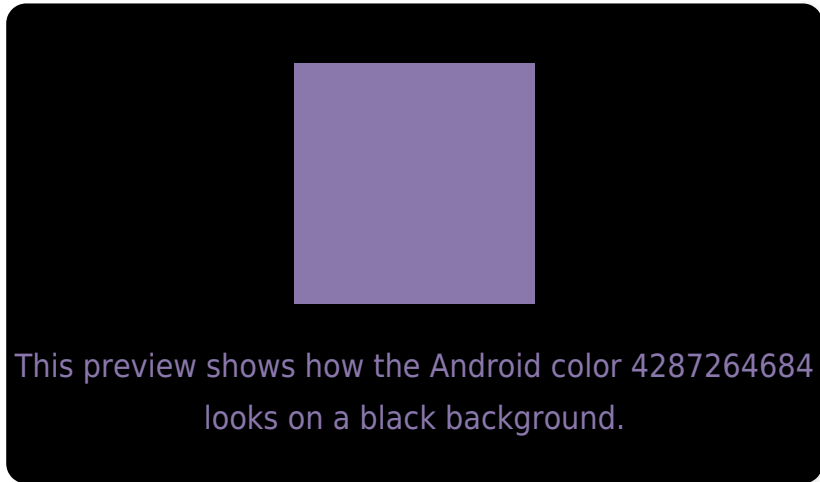
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# 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 4287264684 Background



This preview shows how black text looks on a background with the Android color 4287264684.



This preview shows how white text looks on a background with the Android color 4287264684.

# 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**

4287264684

**Protanopia**

4285628082

**Deuteranopia**

4285890219



**Tritanopia**  
4286873224

# Trichromacy



**Original Color**  
4287264684

**Protanomaly**  
4286217136

**Deuteranomaly**  
4286413739

**Tritanomaly**  
4287003541

# Monochromacy



**Original Color**  
4287264684

**Achromatopsia**  
4286808963

**Achromatomaly**  
4287004562

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287264684 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(138, 119, 172)` looks like.

```
.text, #text, p{  
    color:rgb(138, 119, 172)  
}
```

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(138, 119, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 119, 172) }
```

## Border

The CSS property to change the border of an element to Android 4287264684 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(138, 119, 172) }
```

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

```
.border{ border-color:rgb(138, 119, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 119, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 119, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 119, 172);  
box-shadow:4px 4px 4px 4px rgb(138, 119,  
172) }
```

# Background

The CSS property to change the background color of an element to Android 4287264684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 119, 172) }
```

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

```
.background{ background-color: rgb(138,  
119, 172) }
```

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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