

# Converting Colors

Android(4287990097)

Have a look what the booklet for  
Android(4287990097) contains.

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# Color

**Android(4287990097)**

# Conversions

## Conversions Part 1

Format	Color
Hex	958951
RGB	149, 137, 81
RGB Percent	58%, 54%, 32%
CMY	0.4157, 0.4627, 0.6824
CMYK	0.00, 0.08, 0.46, 0.42
HSL	49°, 30%, 45%
HSV	49°, 46%, 58%
XYZ	22.8253, 24.8750, 11.3829
YIQ	134.2040, 25.1280, -14.8720

# Conversions

## Conversions Part 2

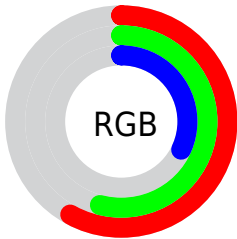
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 149, 81
Decimal	9800017
CIE Lab	56.95, -3.67, 31.57
CIE LCh	57, 31.777, 96.627
Yxy	24.8750, 0.3863, 0.4210
Android (android.graphics.Color)	4287990097 (0xFF958951)
YUV	134.2040, -26.2296, 12.9761
Hunter-Lab	49.8748, -5.5901, 21.3806

# Details

The Android color `4287990097` is a dark color, and the websafe version is hex `999966`. A complement of this color would be `4283522453`, and the grayscale version is `4287006342`.

A 20% lighter version of the original color is `4291608195`, and `4284569378` is the 20% darker color. If you saturate the color by 10%, you get `4287989314`, and if you desaturate by 10%, it is `4287990880`.

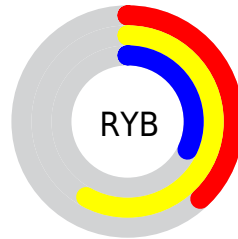
# Distribution



Red (58%)

Green (54%)

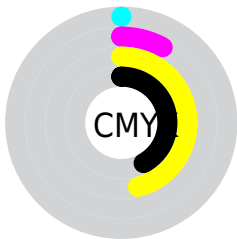
Blue (32%)



Red (38%)

Yellow (58%)

Blue (32%)

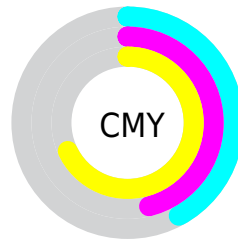


Cyan (0%)

Magenta (8%)

Yellow (46%)

Black (42%)



Cyan (42%)

Magenta (46%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287990097 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 4287990097 by changing the saturation by 10% instead.





4287990097



4287990097

4294967295



4286214201



4291608195



4284569378



4293515934



4282925067



4294964921



4281346560



4294967253



4279768576



4294967281



4278190080



4287990097



4287990097



4287989314



4287990880



4287988787



4287991407

■ 4287988004

■ 4287992190

■ 4287987221

■ 4287992973

■ 4287986694

■ 4287993500

■ 4287986432

■ 4287994282

■ 4287994809

■ 4287995592

■ 4287996375

# Harmonies

## Analogous

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



4289560406



4287990097



4286026075

# Triad

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



4287990097



4279473833



4289820319

# Complementary

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



4287990097



4283522453

# 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.



4287922101



4287990097



4282028475

# Square

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



4287990097



4281309326



4285237695



4290671491

# Rectangle

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



4287990097



4284585065



4285237695



4289296808



# Sweetspot

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



4287990097



4290952615



4287975773



4284571216



4292927712



4284572001



# Same Dimension

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



4287990097



4290948951



4286551377



4283058499



4287262976



4278847488



# Inverse Universe

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



4283522453



4283919042



4284961173



4282598474



4278196362



4278190602



# Previews

## White Background



This preview shows how the Android color 4287990097 looks on a white background.

## Color Contrast Check

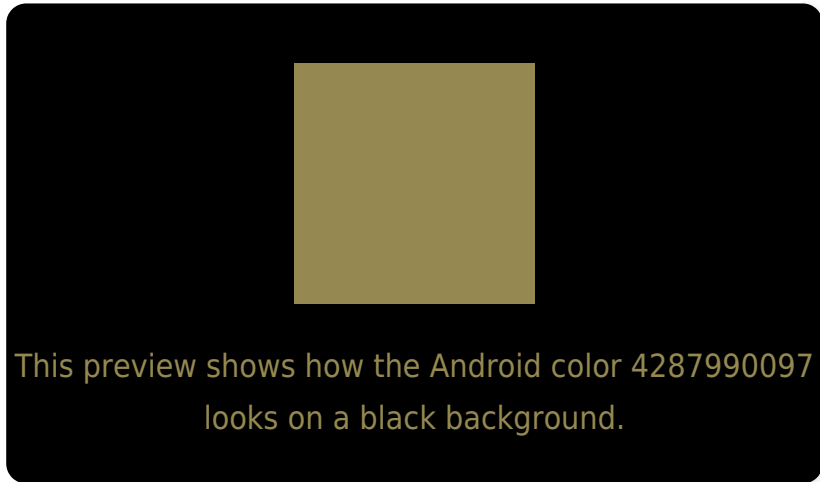
Large Text (above 18pt) WCAG AA ✓ Pass

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

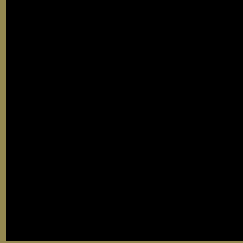
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4287990097 Background



This preview shows how black text looks on a background with the Android color 4287990097.



This preview shows how white text looks on a background with the Android color 4287990097.

# 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**

4287990097

**Protanopia**

4288055633

**Deuteranopia**

4289102674



**Tritanopia**  
4288381580

# Trichromacy



**Original Color**  
4287990097

**Protanomaly**  
4288055633

**Deuteranomaly**  
4288709970

**Tritanomaly**  
4288251255

# Monochromacy



**Original Color**  
4287990097

**Achromatopsia**  
4287006342

**Achromatomaly**  
4287334259

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287990097 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(149, 137, 81)` looks like.

```
.text, #text, p{  
    color:rgb(149, 137, 81)  
}
```

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(149, 137, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 137, 81) }
```

## Border

The CSS property to change the border of an element to Android 4287990097 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(149, 137, 81) }
```

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

```
.border{ border-color:rgb(149, 137, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 137, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 137, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 137, 81);  
box-shadow:4px 4px 4px 4px rgb(149, 137,  
81) }
```

# Background

The CSS property to change the background color of an element to Android 4287990097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 137, 81) }
```

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

```
.background{ background-color: rgb(149,  
137, 81) }
```

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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