

# Converting Colors

Android(4286939997)

Have a look what the booklet for  
Android(4286939997) contains.

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# Color

**Android(4286939997)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85835D
RGB	133, 131, 93
RGB Percent	52%, 51%, 36%
CMY	0.4784, 0.4863, 0.6353
CMYK	0.00, 0.02, 0.30, 0.48
HSL	57°, 18%, 44%
HSV	57°, 30%, 52%
XYZ	19.7649, 22.0095, 13.5625
YIQ	127.2660, 13.3900, -11.3940

# Conversions

## Conversions Part 2

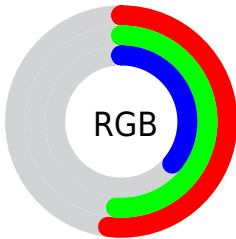
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 133, 93
Decimal	8749917
CIE Lab	54.04, -5.66, 20.87
CIE LCh	54, 21.624, 105.169
Yxy	22.0095, 0.3572, 0.3977
Android (android.graphics.Color)	4286939997 (0xFF85835D)
YUV	127.2660, -16.8931, 5.0287
Hunter-Lab	46.9142, -6.8979, 15.6998

# Details

The Android color `4286939997` is a dark color, and the websafe version is hex `999966`. A complement of this color would be `4284309381`, and the grayscale version is `4286545791`.

A 20% lighter version of the original color is `4290492560`, and `4283650606` is the 20% darker color. If you saturate the color by 10%, you get `4286939728`, and if you desaturate by 10%, it is `4286940266`.

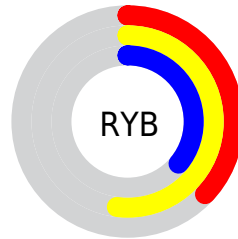
# Distribution



Red (52%)

Green (51%)

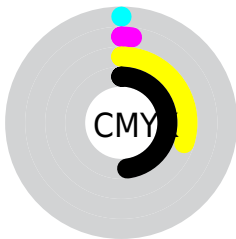
Blue (36%)



Red (37%)

Yellow (52%)

Blue (36%)

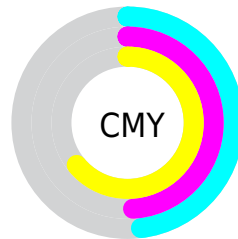


Cyan (0%)

Magenta (2%)

Yellow (30%)

Black (48%)



Cyan (48%)

Magenta (49%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286939997 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 4286939997 by changing the saturation by 10% instead.





4286939997



4286939997

4294967295



4285229637



4290492560



4283650606



4292334762



4282071833



4294176966



4280624384



4294967266



4278718720

4294967294



4278190080



4286939997



4286939997



4286939728



4286940266



4286939714



4286940280

■ 4286939445

■ 4286940549

■ 4286939176

■ 4286940818

■ 4286939162

■ 4286940832

■ 4286938893

■ 4286941101

■ 4286938624

■ 4286941370

■ 4286941383

■ 4286941653

# Harmonies

## Analogous

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



4288118109



4286939997



4285565030

# Triad

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



4286939997



4283140763



4288705931

# Complementary

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



4286939997



4284309381

# 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.



4287658396



4286939997



4284319397

# Square

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



4286939997



4283206794



4286021797



4289164408

# Rectangle

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



4286939997



4284648049



4286021797



4288444049



# Sweetspot

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



4286939997



4289572254



4286930271



4283913805



4292269782



4283914071



# Same Dimension

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



4286939997



4289571439



4285826397



4282532412



4286741504



4278387200



# Inverse Universe

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



4284309381



4285493933



4285488517



4282137666



4278192002



4278190083



# Previews

## White Background



This preview shows how the Android color 4286939997 looks on a white background.

## Color Contrast Check

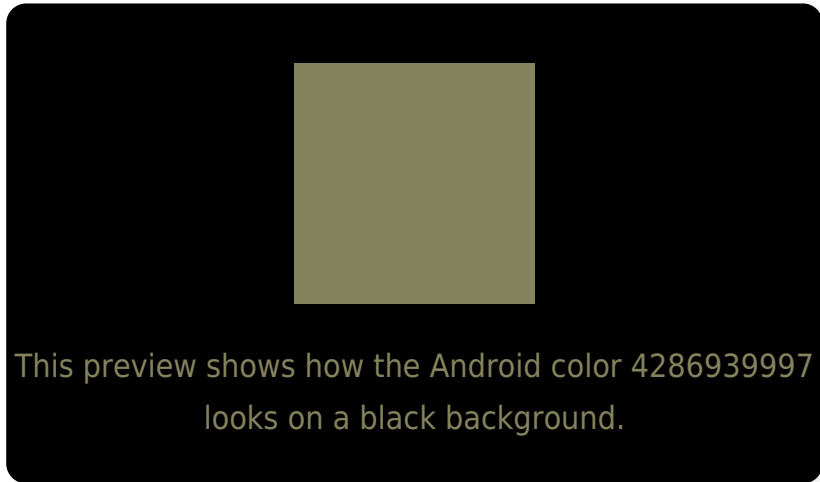
Large Text (above 18pt) WCAG AA ✓ Pass

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

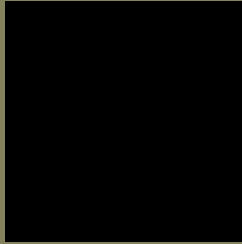
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4286939997 Background



This preview shows how black text looks on a background with the Android color 4286939997.



This preview shows how white text looks on a background with the Android color 4286939997.

# 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**  
4286939997

**Protanopia**  
4287332700

**Deuteranopia**  
4288248927



# Trichromacy



**Original Color**  
4286939997

**Protanomaly**  
4287201884

**Deuteranomaly**  
4287790942

**Tritanomaly**  
4287135864

# Monochromacy



**Original Color**  
4286939997

**Achromatopsia**  
4286545791

**Achromatomaly**  
4286677107

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286939997 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(133, 131, 93)` looks like.

```
.text, #text, p{  
    color:rgb(133, 131, 93)  
}
```

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(133, 131, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 131, 93) }
```

## Border

The CSS property to change the border of an element to Android 4286939997 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(133, 131, 93) }
```

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

```
.border{ border-color:rgb(133, 131, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 131, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 131, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 131, 93);  
box-shadow:4px 4px 4px 4px rgb(133, 131,  
93) }
```

# Background

The CSS property to change the background color of an element to Android 4286939997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 131, 93) }
```

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

```
.background{ background-color: rgb(133,  
131, 93) }
```

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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