

# Converting Colors

Android(4286742107)

Have a look what the booklet for  
Android(4286742107) contains.

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# Color

**Android(4286742107)**

# Conversions

## Conversions Part 1

Format	Color
Hex	827E5B
RGB	130, 126, 91
RGB Percent	51%, 49%, 36%
CMY	0.4902, 0.5059, 0.6431
CMYK	0.00, 0.03, 0.30, 0.49
HSL	54°, 18%, 43%
HSV	54°, 30%, 51%
XYZ	18.5551, 20.4229, 12.8616
YIQ	123.2060, 13.6190, -10.0370

# Conversions

## Conversions Part 2

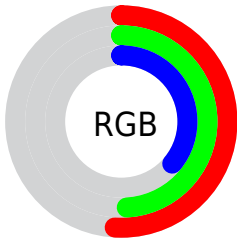
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 130, 91
Decimal	8552027
CIE <sub>Lab</sub>	52.31, -4.39, 19.65
CIE <sub>LCh</sub>	52, 20.133, 102.608
Yxy	20.4229, 0.3579, 0.3940
Android (android.graphics.Color)	4286742107 (0xFF827E5B)
YUV	123.2060, -15.8776, 5.9583
Hunter-Lab	45.1917, -5.7957, 14.7602

# Details

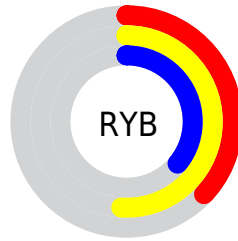
The Android color `4286742107` is a dark color, and the websafe version is hex `999966`. A complement of this color would be `4284178306`, and the grayscale version is `4286282619`.

A 20% lighter version of the original color is `4290229133`, and `4283452717` is the 20% darker color. If you saturate the color by 10%, you get `4286741838`, and if you desaturate by 10%, it is `4286742376`.

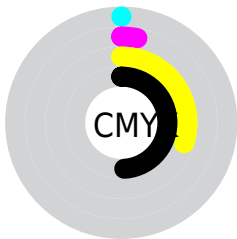
# Distribution



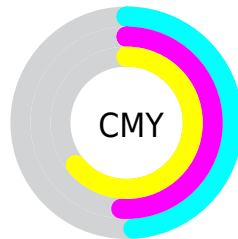
- Red (51%)
- Green (49%)
- Blue (36%)



- Red (37%)
- Yellow (51%)
- Blue (36%)



- Cyan (0%)
- Magenta (3%)
- Yellow (30%)
- Black (49%)



- Cyan (49%)
- Magenta (51%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286742107 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 4286742107 by changing the saturation by 10% instead.





4286742107



4286742107

4294967295



4285097283



4290229133



4283452717



4292071080



4281874199



4293978819



4280492288



4294967263



4278323968



4294967292



4278190080



4286742107



4286742107



4286741838



4286742376



4286741313



4286742901

■ 4286741044

■ 4286743170

■ 4286740775

■ 4286743439

■ 4286740250

■ 4286743964

■ 4286739981

■ 4286744233

■ 4286739712

■ 4286744502

■ 4286745027

■ 4286745296

# Harmonies

## Analogous

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



4287789148



4286742107



4285498211

# Triad

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



4286742107



4283139476



4288246152

# Complementary

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



4286742107



4284178306

# 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.



4287198870



4286742107



4284121501

# Square

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



4286742107



4283271044



4285693086



4288704630

# Rectangle

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



4286742107



4284581228



4285693086



4287918989



# Sweetspot

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



4286742107



4289243033



4286733152



4283716427



4292138196



4283716692



# Same Dimension

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



4286742107



4289241708



4285760091



4282400569



4286607872



4278190080



# Inverse Universe

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



4284178306



4285297320



4285160322



4281940544



4278193536



4278190080



# Previews

## White Background



This preview shows how the Android color 4286742107 looks on a white background.

## Color Contrast Check

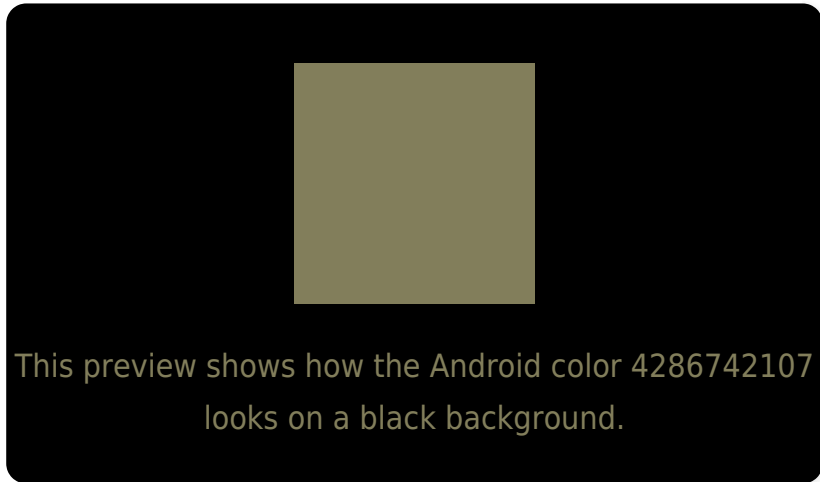
Large Text (above 18pt) WCAG AA ✓ Pass

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

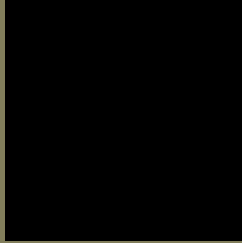
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

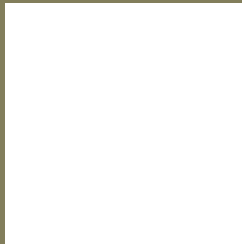
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4286742107 Background



This preview shows how black text looks on a background with the Android color 4286742107.



This preview shows how white text looks on a background with the Android color 4286742107.

# 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**  
4286742107

**Protanopia**  
4287003994

**Deuteranopia**  
4287854684



**Tritanopia**  
4287068546

# Trichromacy



**Original Color**  
4286742107

**Protanomaly**  
4286938458

**Deuteranomaly**  
4287461980

**Tritanomaly**  
4286937972

# Monochromacy



**Original Color**  
4286742107

**Achromatopsia**  
4286282619

**Achromatomaly**  
4286479471

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286742107 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(130, 126, 91)` looks like.

```
.text, #text, p{  
    color:rgb(130, 126, 91)  
}
```

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(130, 126, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 126, 91) }
```

## Border

The CSS property to change the border of an element to Android 4286742107 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(130, 126, 91) }
```

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

```
.border{ border-color:rgb(130, 126, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 126, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 126, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 126, 91);  
box-shadow:4px 4px 4px 4px rgb(130, 126,  
91) }
```

# Background

The CSS property to change the background color of an element to Android 4286742107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 126, 91) }
```

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

```
.background{ background-color: rgb(130,  
126, 91) }
```

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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