

# Converting Colors

Android(4287874413)

Have a look what the booklet for  
Android(4287874413) contains.

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# **Color**

**Android(4287874413)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	93C56D
RGB	147, 197, 109
RGB Percent	58%, 77%, 43%
CMY	0.4235, 0.2275, 0.5725
CMYK	0.25, 0.00, 0.45, 0.23
HSL	94°, 43%, 60%
HSV	94°, 45%, 77%
XYZ	34.7592, 47.2397, 21.7542
YIQ	172.0180, -1.5520, -37.9680

# Conversions

## Conversions Part 2

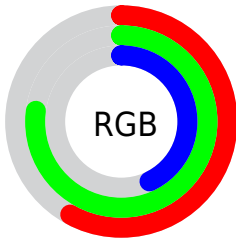
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">109, 197, 159</a>
Decimal	<a href="#">9684333</a>
CIELab	<a href="#">74.34, -31.85, 38.84</a>
CIElCh	<a href="#">74, 50.232, 129.351</a>
Yxy	<a href="#">47.2397, 0.3350, 0.4553</a>
Android (android.graphics.Color)	<a href="#">4287874413 (0xFF93C56D)</a>
YUV	<a href="#">172.0180, -31.0679, -21.9408</a>
Hunter-Lab	<a href="#">68.7311, -30.0072, 29.3458</a>

# Details

The Android color `4287874413` is a light color, and the websafe version is hex `99CC66`. A complement of this color would be `4288638405`, and the grayscale version is `4289506476`.

A 20% lighter version of the original color is `4291559074`, and `4284387131` is the 20% darker color. If you saturate the color by 10%, you get `4287153497`, and if you desaturate by 10%, it is `4288595329`.

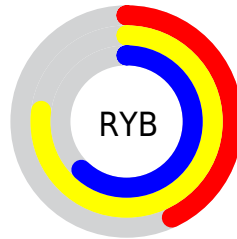
# Distribution



Red (58%)

Green (77%)

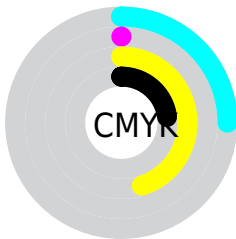
Blue (43%)



Red (43%)

Yellow (77%)

Blue (62%)

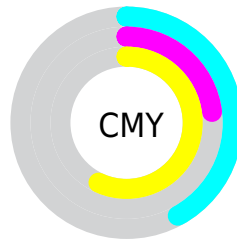


Cyan (25%)

Magenta (0%)

Yellow (45%)

Black (23%)



Cyan (42%)

Magenta (23%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287874413 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 4287874413 by changing the saturation by 10% instead.





4287874413



4287874413

4294967295



4286098004



4291559074



4284387131



4293394365



4282676514



4294967258



4280966150



4294967286



4279190528



4278201600



4278196224



4278190080



4287874413



4287874413

■ 4287153497

■ 4288595329

■ 4286432582

■ 4289316244

■ 4285646130

■ 4290102696

■ 4284925214

■ 4290823612

■ 4284204299

■ 4291544528

■ 4283811072

■ 4292265443

■ 4292986359

■ 4293772799

■ 4294493695

# Harmonies

## Analogous

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



4291148121



4287874413



4283616405

# Triad

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



4287874413



4278240511



4294939050

# Complementary

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



4287874413



4288638405

# 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.



4294678232



4287874413



4286953471

# Square

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



4287874413



4278242544



4291732991



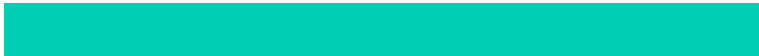
4294941055

# Rectangle

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



4287874413



4278242996



4291732991



4294939066

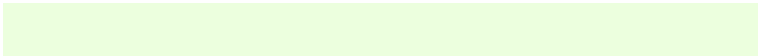


# Sweetspot

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



4287874413



4293722078



4291141485



4285825131



4278190080



4286611584

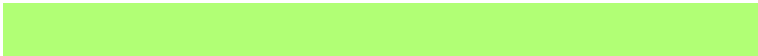


# Same Dimension

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



4287874413



4289855349



4285384051



4284375898



4282819328



4279182336



# Inverse Universe

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



4288638405



4291065343



4291128767



4284439139



4284285091



4279500836



# Previews

## White Background



This preview shows how the Android color 4287874413 looks on a white background.

## Color Contrast Check

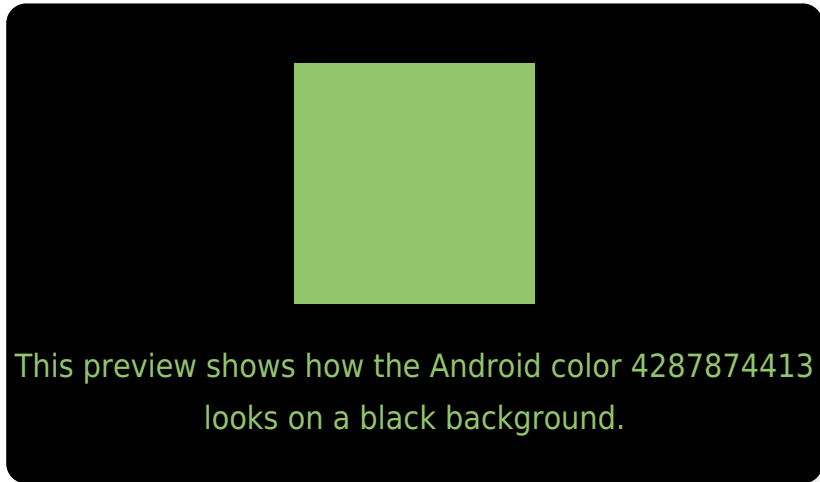
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



# Android 4287874413 Background



This preview shows how black text looks on a background with the Android color 4287874413.



This preview shows how white text looks on a background with the Android color 4287874413.

# 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





# Trichromacy



**Original Color**  
4287874413

**Protanomaly**  
4290100074

**Deuteranomaly**  
4290885232

**Tritanomaly**  
4288462504

# Monochromacy



**Original Color**  
4287874413

**Achromatopsia**  
4289506476

**Achromatomaly**  
4288918933

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287874413 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(147, 197, 109)` looks like.

```
.text, #text, p{  
    color:rgb(147, 197, 109)  
}
```

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(147, 197, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 197, 109) }
```

## Border

The CSS property to change the border of an element to Android 4287874413 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(147, 197, 109) }
```

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

```
.border{ border-color:rgb(147, 197, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 197, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 197, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 197, 109);  
box-shadow:4px 4px 4px 4px rgb(147, 197,  
109) }
```

# Background

The CSS property to change the background color of an element to Android 4287874413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 197, 109) }
```

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

```
.background{ background-color: rgb(147,  
197, 109) }
```

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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