

# Converting Colors

Android(4287874440)

Have a look what the booklet for  
Android(4287874440) contains.

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# **Color**

**Android(4287874440)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	93C588
RGB	147, 197, 136
RGB Percent	58%, 77%, 53%
CMY	0.4235, 0.2275, 0.4667
CMYK	0.25, 0.00, 0.31, 0.23
HSL	109°, 34%, 65%
HSV	109°, 31%, 77%
XYZ	36.4428, 47.9131, 30.6200
YIQ	175.0960, -10.2190, -29.5710

# Conversions

## Conversions Part 2

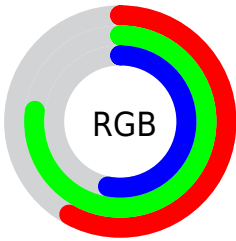
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">136, 197, 186</a>
Decimal	<a href="#">9684360</a>
CIELab	<a href="#">74.77, -28.01, 25.47</a>
CIELCh	<a href="#">75, 37.857, 137.721</a>
Yxy	<a href="#">47.9131, 0.3170, 0.4167</a>
Android (android.graphics.Color)	<a href="#">4287874440 (0xFF93C588)</a>
YUV	<a href="#">175.0960, -19.2743, -24.6402</a>
Hunter-Lab	<a href="#">69.2193, -27.1565, 22.2259</a>

# Details

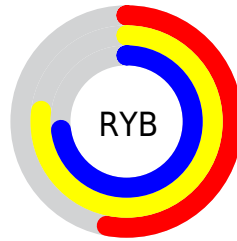
The Android color `4287874440` is a light color, and the websafe version is hex `99CC99`. A complement of this color would be `4290414789`, and the grayscale version is `4289703855`.

A 20% lighter version of the original color is `4291493566`, and `4284452694` is the 20% darker color. If you saturate the color by 10%, you get `4286825844`, and if you desaturate by 10%, it is `4288923036`.

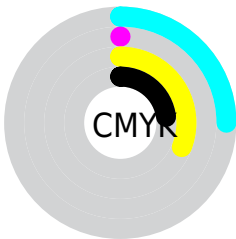
# Distribution



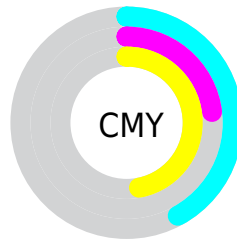
- Red (58%)
- Green (77%)
- Blue (53%)



- Red (53%)
- Yellow (77%)
- Blue (73%)



- Cyan (25%)
- Magenta (0%)
- Yellow (31%)
- Black (23%)



- Cyan (42%)
- Magenta (23%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287874440 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 4287874440 by changing the saturation by 10% instead.



 4287874440

 4287874440

4294967295

 4286163566

 4291493566

 4284452694

 4293394394

 4282807614

 4294967286

 4281162791

 4279452689

 4278201600

 4278196480

 4278190080

 4287874440

 4287874440

 4286825844

 4288923036

 4285777249

 4289971631

 4284728653


 4291020227

 4283614521

 4292134359

 4282565926

 4293182955

 4281517330

 4294231550

 4280599808

 4294952447

# Harmonies

## Analogous

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



4290493557



4287874440



4284992168

# Triad

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



4287874440



4285513979



4294811300

# Complementary

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



4287874440



4290414789

# 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.



4294156232



4287874440



4289180922

# Square

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



4287874440



4282107882



4292258023



4294223238

# Rectangle

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



4287874440



4283091904



4292258023



4294745520

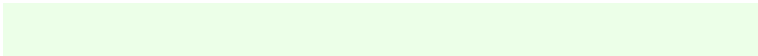


# Sweetspot

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



4287874440



4293722088



4291148424



4285825137



4278190080



4286611584

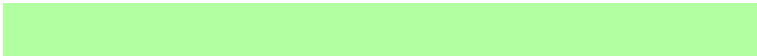


# Same Dimension

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



4287874440



4289920929



4287153563



4284179290



4280132352



4278592512



# Inverse Universe

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



4290414789



4293829119



4291135666



4284635747



4286972067



4280090660



# Previews

## White Background



This preview shows how the Android color 4287874440 looks on a white background.

## Color Contrast Check

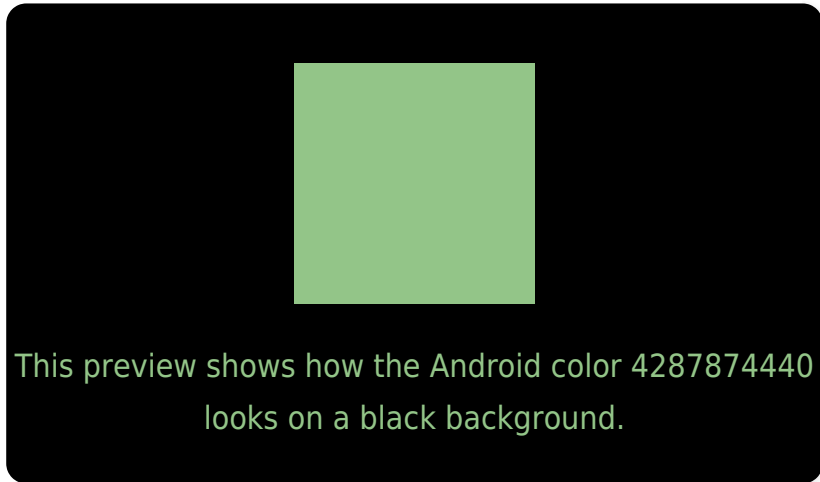
Large Text (above 18pt) WCAG AA × Fail

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 4287874440 Background



This preview shows how black text looks on a background with the Android color 4287874440.



This preview shows how white text looks on a background with the Android color 4287874440.

# 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**  
4287874440

**Protanopia**  
4291213186

**Deuteranopia**  
4292325517



# Trichromacy



**Original Color**  
4287874440

**Protanomaly**  
4289969284

**Deuteranomaly**  
4290689163

**Tritanomaly**  
4288331699

# Monochromacy



**Original Color**  
4287874440

**Achromatopsia**  
4289703855

**Achromatomaly**  
4289050529

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287874440 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, 136)` looks like.

```
.text, #text, p{  
    color:rgb(147, 197, 136)  
}
```

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, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 197, 136) }
```

## Border

The CSS property to change the border of an element to Android 4287874440 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, 136) }
```

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

```
.border{ border-color:rgb(147, 197, 136) }
```

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, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 197, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 197, 136);  
box-shadow:4px 4px 4px 4px rgb(147, 197,  
136) }
```

# Background

The CSS property to change the background color of an element to Android 4287874440 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, 136) }
```

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

```
.background{ background-color: rgb(147,  
197, 136) }
```

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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