

# Converting Colors

Android(4287941231)

Have a look what the booklet for  
Android(4287941231) contains.

|  |    |
|--|----|
| <b>Android(4287941231)</b> .....               | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# **Color**

**Android(4287941231)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 94CA6F                      |
| RGB         | 148, 202, 111               |
| RGB Percent | 58%, 79%, 44%               |
| CMY         | 0.4196, 0.2078, 0.5647      |
| CMYK        | 0.27, 0.00, 0.45, 0.21      |
| HSL         | 96°, 46%, 61%               |
| HSV         | 96°, 45%, 79%               |
| XYZ         | 36.2025, 49.6847, 22.7210   |
| YIQ         | 175.4800, -2.9730, -39.7490 |

# Conversions

## Conversions Part 2

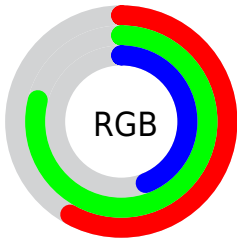
| <b>Format</b>                       | <b>Color</b>                                     |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">111, 202, 165</a>                    |
| Decimal                             | <a href="#">9751151</a>                          |
| CIELab                              | <a href="#">75.88, -33.57, 39.78</a>             |
| CIELCh                              | <a href="#">76, 52.053, 130.165</a>              |
| Yxy                                 | <a href="#">49.6847, 0.3333,<br/>0.4575</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4287941231<br/>(0xFF94CA6F)</a>      |
| YUV                                 | <a href="#">175.4800, -31.7886,<br/>-24.1000</a> |
| Hunter-Lab                          | <a href="#">70.4873, -31.6747,<br/>30.2296</a>   |

# Details

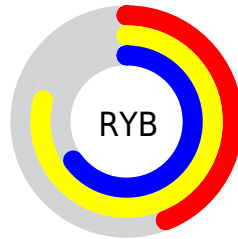
The Android color `4287941231` is a light color, and the websafe version is hex `99CC66`. A complement of this color would be `4289032138`, and the grayscale version is `4289769648`.

A 20% lighter version of the original color is `4291624868`, and `4284453949` is the 20% darker color. If you saturate the color by 10%, you get `4287154779`, and if you desaturate by 10%, it is `4288727683`.

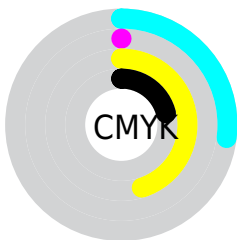
# Distribution



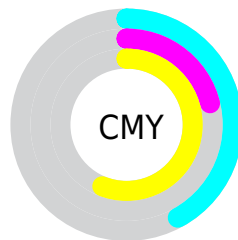
- Red (58%)
- Green (79%)
- Blue (44%)



- Red (44%)
- Yellow (79%)
- Blue (65%)



- Cyan (27%)
- Magenta (0%)
- Yellow (45%)
- Black (21%)



- Cyan (42%)
- Magenta (21%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287941231 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 4287941231 by changing the saturation by 10% instead.



 4287941231

 4287941231

4294967295

 4286164566

 4291624868

 4284453949

 4293525440

 4282677796

 4294967260

 4280967176

 4294967289

 4279060480

 4278202624

 4278197504

 4278190080

 4287941231

 4287941231

■ 4287154779

■ 4288727683

■ 4286368327

■ 4289514135

■ 4285581874

■ 4290300588

■ 4284795422

■ 4291087040

■ 4284008970

■ 4291873492

■ 4283615744

■ 4292659944

■ 4293446396

■ 4294232831

■ 4294953727

# Harmonies

## Analogous

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



4291346009



4287941231



4283355545

# Triad

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



4287941231



4278241791



4294939564

# Complementary

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



4287941231



4289032138

# Split Complementary

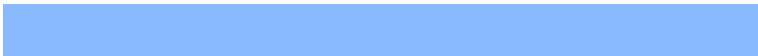
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294940893



4287941231



4287216383

# Square

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



4287941231



4278243832



4292126975



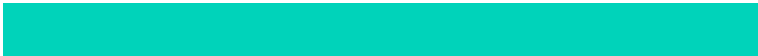
4294941823

# Rectangle

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



4287941231



4278244282



4292126975



4294939581

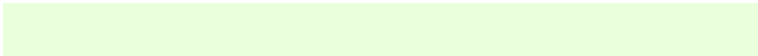


# Sweetspot

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



4287941231



4293591003



4291470447



4285759594



4278190080



4286611584



# Same Dimension

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



4287941231



4289593205



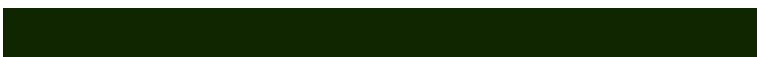
4285516407



4284507740



4282623488



4279248384



# Inverse Universe

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



4289032138



4291261951



4291456962



4284636262



4284612774



4279697446



# Previews

## White Background



This preview shows how the Android color 4287941231 looks on a white background.

## Color Contrast Check

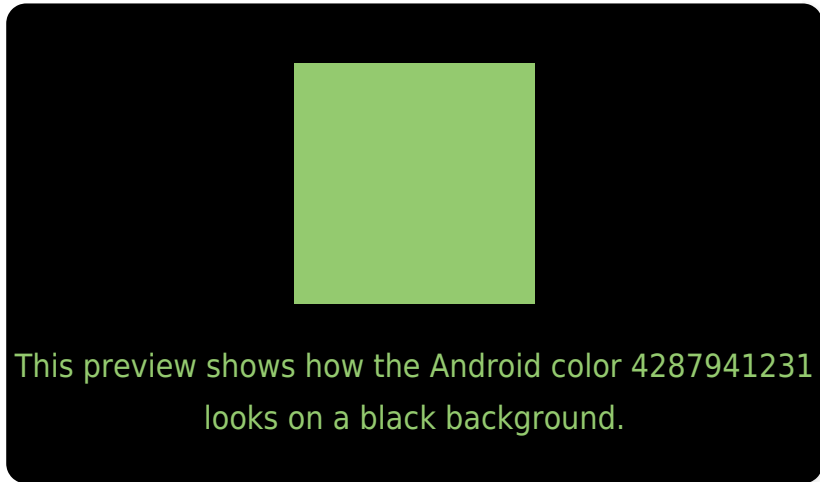
Large Text (above 18pt) WCAG AA × Fail

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 4287941231 Background



This preview shows how black text looks on a background with the Android color 4287941231.



This preview shows how white text looks on a background with the Android color 4287941231.

# 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**  
4287941231



**Protanomaly**  
4290297963



**Deuteranomaly**  
4291148659



**Tritanomaly**  
4288594859

# Monochromacy



**Original Color**  
4287941231



**Achromatopsia**  
4289703855



**Achromatomaly**  
4289051032

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287941231 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(148, 202, 111)` looks like.

```
.text, #text, p{  
    color:rgb(148, 202, 111)  
}
```

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(148, 202, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 202, 111) }
```

## Border

The CSS property to change the border of an element to Android 4287941231 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(148, 202, 111) }
```

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

```
.border{ border-color:rgb(148, 202, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 202, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 202, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 202, 111);  
box-shadow:4px 4px 4px 4px rgb(148, 202,  
111) }
```

# Background

The CSS property to change the background color of an element to Android 4287941231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 202, 111) }
```

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

```
.background{ background-color: rgb(148,  
202, 111) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor