

# Converting Colors

Android(4287230871)

Have a look what the booklet for  
Android(4287230871) contains.

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# **Color**

**Android(4287230871)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89F397
RGB	137, 243, 151
RGB Percent	54%, 95%, 59%
CMY	0.4627, 0.0471, 0.4078
CMYK	0.44, 0.00, 0.38, 0.05
HSL	128°, 82%, 75%
HSV	128°, 44%, 95%
XYZ	47.9530, 71.6539, 40.5814
YIQ	200.8180, -33.6440, -51.0840

# Conversions

## Conversions Part 2

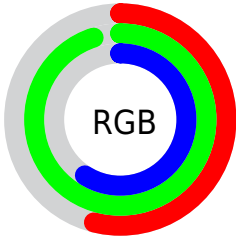
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">137, 231, 243</a>
Decimal	<a href="#">9040791</a>
CIELab	<a href="#">87.80, -49.38, 35.04</a>
CIELCh	<a href="#">88, 60.547, 144.641</a>
Yxy	<a href="#">71.6539, 0.2994, 0.4473</a>
Android (android.graphics.Color)	<a href="#">4287230871</a> ( <a href="#">0xFF89F397</a> )
YUV	<a href="#">200.8180, -24.5603, -55.9684</a>
Hunter-Lab	<a href="#">84.6486, -47.0157, 30.8299</a>

# Details

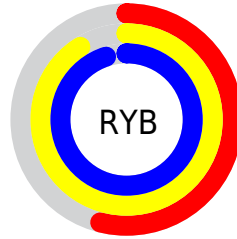
The Android color `4287230871` is a light color, and the websafe version is hex `99FF99`. A complement of this color would be `4294150629`, and the grayscale version is `4291414473`.

A 20% lighter version of the original color is `4291035086`, and `4283415139` is the 20% darker color. If you saturate the color by 10%, you get `4285657986`, and if you desaturate by 10%, it is `4288803756`.

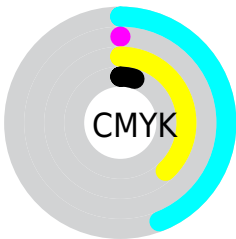
# Distribution



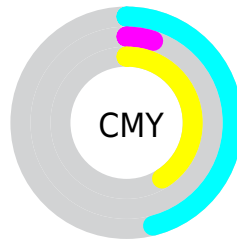
- Red (54%)
- Green (95%)
- Blue (59%)



- Red (54%)
- Yellow (91%)
- Blue (95%)



- Cyan (44%)
- Magenta (0%)
- Yellow (38%)
- Black (5%)



- Cyan (46%)
- Magenta (5%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287230871 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 4287230871 by changing the saturation by 10% instead.





4287230871



4287230871

4294967295



4285322877



4291035086



4283415139



4292935658



4281376586

4294901759



4278223922



4278217241



4278210816



4278204416



4278198784



4278190080

 4287230871

 4287230871

 4285657986

 4288803756

 4284019565

 4290442177

 4282446680

 4292015062

 4280873795

 4293587947

 4279300910

 4294964223

 4278252320

# Harmonies

## Analogous

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



4291815279



4287230871



4278254031

# Triad

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



4287230871



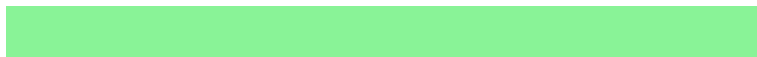
4283885055



4294946735

# Complementary

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



4287230871



4294150629

# 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.



4294946281



4287230871



4291875327

# Square

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



4287230871



4278252543



4294949887



4294951040

# Rectangle

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



4287230871



4278254327



4294949887



4294945986

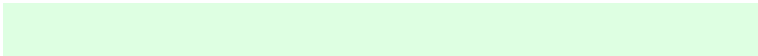


# Sweetspot

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



4287230871



4292804578



4293391241



4285235310



4278190080



4286611584



# Same Dimension

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



4287230871



4286250892



4287230922



4285430384



4278237721



4278205192



# Inverse Universe

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



4294150629



4294933229



4294150578



4286213753



4290379938

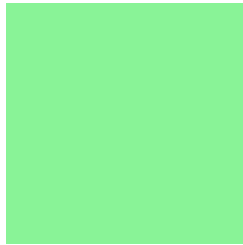


4282056755



# Previews

## White Background



This preview shows how the Android color 4287230871 looks on a white background.

## Color Contrast Check

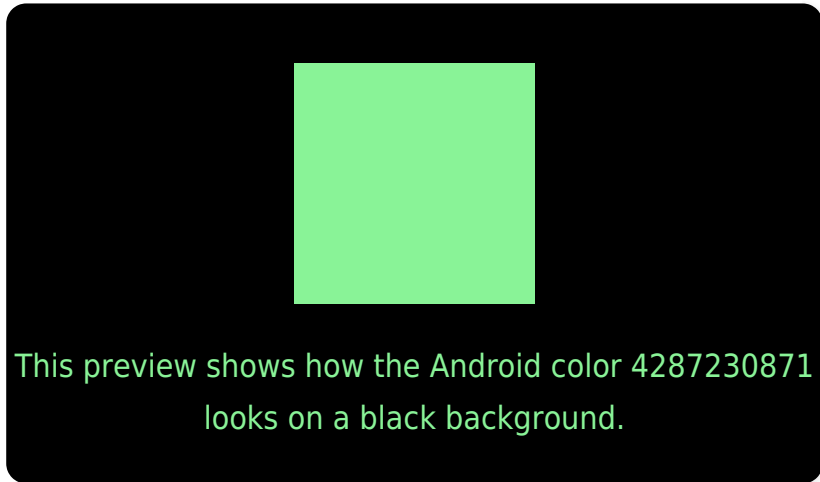
Large Text (above 18pt) WCAG AA × Fail

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

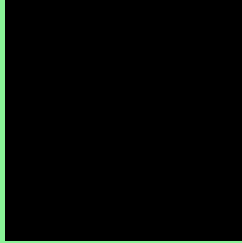
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4287230871 Background



This preview shows how black text looks on a background with the Android color 4287230871.

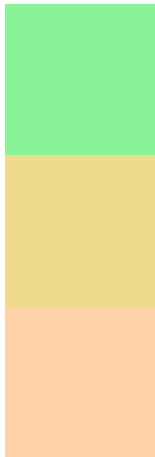


This preview shows how white text looks on a background with the Android color 4287230871.

# 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**  
4287230871

**Protanopia**  
4293843853

**Deuteranopia**  
4294955943



**Tritanopia**  
4288604154

# Trichromacy



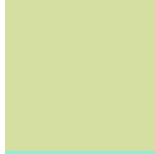
**Original Color**

4287230871



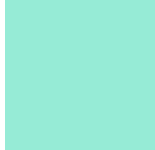
**Protanomaly**

4291421329



**Deuteranomaly**

4292140961



**Tritanomaly**

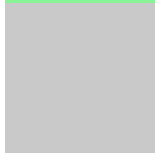
4288080854

# Monochromacy



**Original Color**

4287230871



**Achromatopsia**

4291414473



**Achromatomaly**

4289910967

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287230871 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(137, 243, 151)` looks like.

```
.text, #text, p{  
    color:rgb(137, 243, 151)  
}
```

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(137, 243, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 243, 151) }
```

## Border

The CSS property to change the border of an element to Android 4287230871 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(137, 243, 151) }
```

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

```
.border{ border-color:rgb(137, 243, 151) }
```

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

Here you see how a box with a 4 pixel rgb(137, 243, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 243, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 243, 151);  
box-shadow:4px 4px 4px 4px rgb(137, 243,  
151) }
```

# Background

The CSS property to change the background color of an element to Android 4287230871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 243, 151) }
```

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

```
.background{ background-color: rgb(137,  
243, 151) }
```

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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