

# Converting Colors

Android(4287037337)

Have a look what the booklet for  
Android(4287037337) contains.

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**Color**

**Android(4287037337)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86FF99
RGB	134, 255, 153
RGB Percent	53%, 100%, 60%
CMY	0.4745, 0.0000, 0.4000
CMYK	0.47, 0.00, 0.40, 0.00
HSL	129°, 100%, 76%
HSV	129°, 47%, 100%
XYZ	51.3413, 78.8882, 42.6580
YIQ	207.1930, -39.3740, -57.3740

# Conversions

## Conversions Part 2

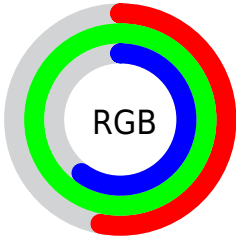
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">134, 239, 255</a>
Decimal	<a href="#">8847257</a>
CIELab	<a href="#">91.18, -54.79, 38.45</a>
CIELCh	<a href="#">91, 66.941, 144.939</a>
Yxy	<a href="#">78.8882, 0.2970, 0.4563</a>
Android (android.graphics.Color)	<a href="#">4287037337 (0xFF86FF99)</a>
YUV	<a href="#">207.1930, -26.7171, -64.1903</a>
Hunter-Lab	<a href="#">88.8191, -52.2526, 33.6976</a>

# Details

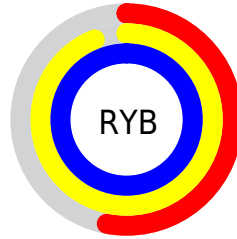
The Android color `4287037337` is a light color, and the websafe version is hex `99FF99`. A complement of this color would be `4294936300`, and the grayscale version is `4291809231`.

A 20% lighter version of the original color is `4290904016`, and `4283024740` is the 20% darker color. If you saturate the color by 10%, you get `4285398916`, and if you desaturate by 10%, it is `4288741294`.

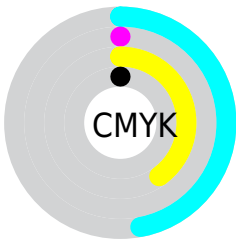
# Distribution



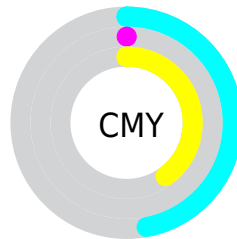
- Red (53%)
- Green (100%)
- Blue (60%)



- Red (53%)
- Yellow (94%)
- Blue (100%)



- Cyan (47%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (47%)
- Magenta (0%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287037337 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 4287037337 by changing the saturation by 10% instead.



 4287037337

 4287037337

4294967295

 4285063806

 4290904016

 4283024740

 4292870125

 4280658251

4294836223

 4278226483

 4278219801

 4278213120

 4278206720

 4278201088

 4278192128

 4287037337

 4287037337

 4285398916

 4288741294

 4283694958

 4290379716

 4282056537

 4292083673

 4280352579

 4293722095

 4278714158

4294967295

 4278255400

# Harmonies

## Analogous

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



4292211308



4287037337



4278255576

# Triad

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



4287037337



4282183935



4294947763

# Complementary

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



4287037337



4294936300

# 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.



4294946803



4287037337



4292401663

# Square

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



4287037337



4278255615



4294951167



4294952830

# Rectangle

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



4287037337



4278255615



4294951167



4294946760

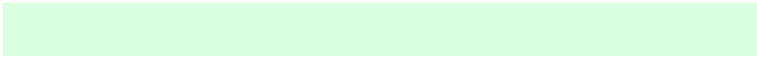


# Sweetspot

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



4287037337



4292607969



4293787526



4285169773



4278190080



4286611584



# Same Dimension

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



4287037337



4285464452



4287037397



4285759605



4278239006



4278206474



# Inverse Universe

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



4294936300



4294930152



4294936240



4286608253



4290707617

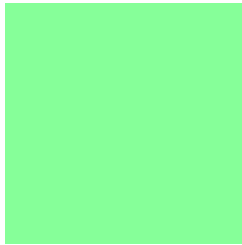


4282384438



# Previews

## White Background



This preview shows how the Android color 4287037337 looks on a white background.

## Color Contrast Check

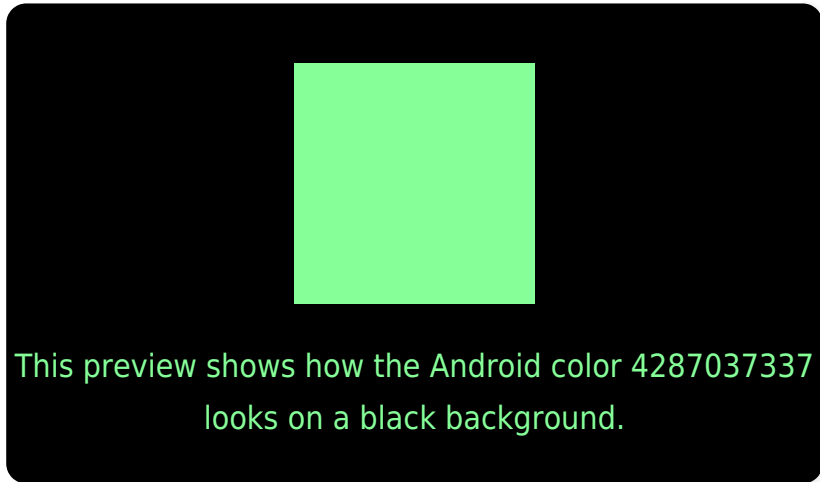
Large Text (above 18pt) WCAG AA × Fail

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

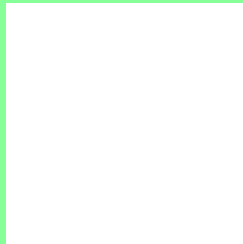
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4287037337 Background



This preview shows how black text looks on a background with the Android color 4287037337.

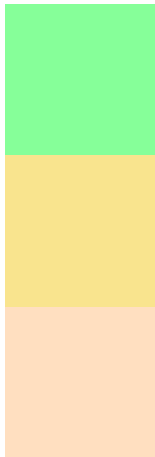


This preview shows how white text looks on a background with the Android color 4287037337.

# 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



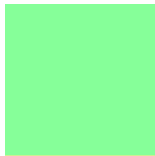
**Original Color**  
4287037337

**Protanopia**  
4294567054

**Deuteranopia**  
4294959040

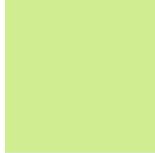


# Trichromacy



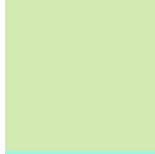
**Original Color**

4287037337



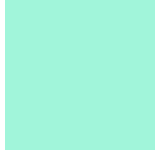
**Protanomaly**

4291817106



**Deuteranomaly**

4292078514



**Tritanomaly**

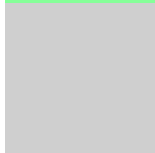
4288804314

# Monochromacy



**Original Color**

4287037337



**Achromatopsia**

4291809231



**Achromatomaly**

4290044091

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287037337 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(134, 255, 153)` looks like.

```
.text, #text, p{  
    color:rgb(134, 255, 153)  
}
```

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(134, 255, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 255, 153) }
```

## Border

The CSS property to change the border of an element to Android 4287037337 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(134, 255, 153) }
```

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

```
.border{ border-color:rgb(134, 255, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 255, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 255, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 255, 153);  
box-shadow:4px 4px 4px 4px rgb(134, 255,  
153) }
```

# Background

The CSS property to change the background color of an element to Android 4287037337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 255, 153) }
```

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

```
.background{ background-color: rgb(134,  
255, 153) }
```

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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