

# Converting Colors

Android(4287096711)

Have a look what the booklet for  
Android(4287096711) contains.

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# **Color**

**Android(4287096711)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87E787
RGB	135, 231, 135
RGB Percent	53%, 91%, 53%
CMY	0.4706, 0.0941, 0.4706
CMYK	0.42, 0.00, 0.42, 0.09
HSL	120°, 67%, 72%
HSV	120°, 42%, 91%
XYZ	42.9408, 64.0520, 33.0217
YIQ	191.3520, -26.4000, -50.2080

# Conversions

## Conversions Part 2

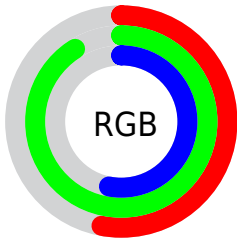
<b>Format</b>	<b>Color</b>
<b>RYB</b>	135, 231, 231
Decimal	8906631
CIELab	83.99, -47.34, 38.03
CIELCh	84, 60.725, 141.226
Yxy	64.0520, 0.3067, 0.4575
Android (android.graphics.Color)	4287096711 (0xFF87E787)
YUV	191.3520, -27.7815, -49.4207
Hunter-Lab	80.0325, -44.2842, 31.5594

# Details

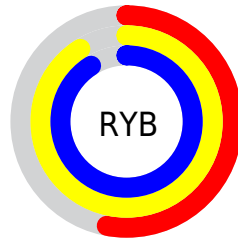
The Android color `4287096711` is a light color, and the websafe version is hex `99FF99`. A complement of this color would be `4293363687`, and the grayscale version is `4290822336`.

A 20% lighter version of the original color is `4290838461`, and `4283346772` is the 20% darker color. If you saturate the color by 10%, you get `4285589360`, and if you desaturate by 10%, it is `4288604062`.

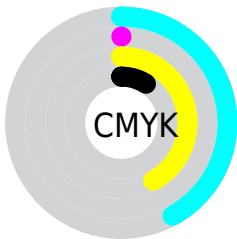
# Distribution



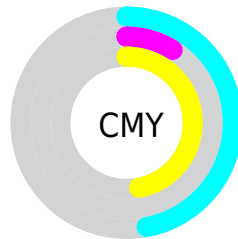
- Red (53%)
- Green (91%)
- Blue (53%)



- Red (53%)
- Yellow (91%)
- Blue (91%)



- Cyan (42%)
- Magenta (0%)
- Yellow (42%)
- Black (9%)



- Cyan (47%)
- Magenta (9%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287096711 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 4287096711 by changing the saturation by 10% instead.



 4287096711

 4287096711

4294967295

 4285254509

 4290838461

 4283346772

 4292739033

 4281373755

 4294705142

 4278352162

 4278214662

 4278208256

 4278202368

 4278195712

 4278190080

 4287096711

 4287096711

 4285589360

 4288604062

 4284082009

 4290111413

 4282574658

 4291618764

 4281067307

 4293126115

 4279494419

 4294699003

 4278249216

 4294961151

# Harmonies

## Analogous

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



4291550050



4287096711



4278250942

# Triad

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



4287096711



4280081919



4294943659

# Complementary

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



4287096711



4293363687

# 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.



4294943461



4287096711



4290431487

# Square

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



4287096711



4278249983



4294947583



4294947706

# Rectangle

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



4287096711



4278251494



4294947583



4294943166

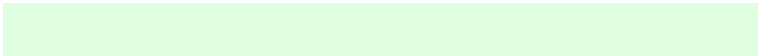


# Sweetspot

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



4287096711



4292935648



4293388167



4285431918



4278190080



4286611584



# Same Dimension

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



4287096711



4286644096



4287096759



4284969831



4278235904



4278203136



# Inverse Universe

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



4293363687



4294934783



4293363639



4285753203



4289921203



4281532467



# Previews

## White Background



This preview shows how the Android color 4287096711 looks on a white background.

## Color Contrast Check

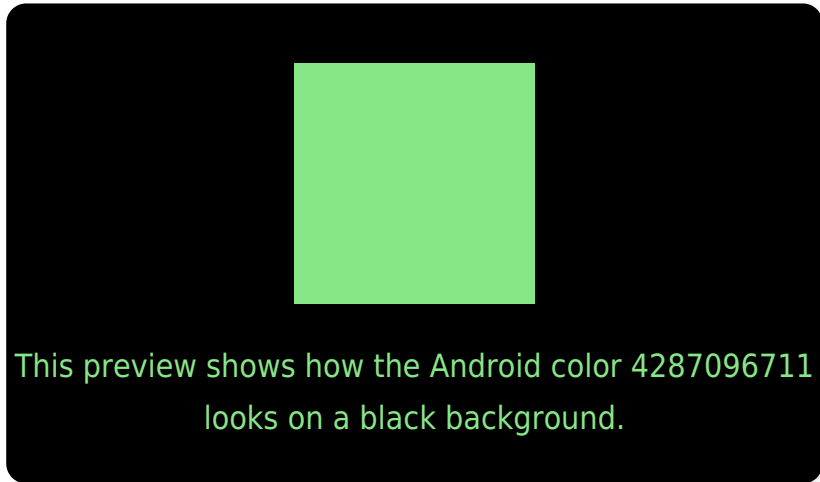
Large Text (above 18pt) WCAG AA × Fail

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

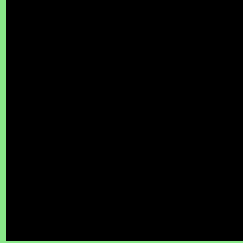
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4287096711 Background



This preview shows how black text looks on a background with the Android color 4287096711.

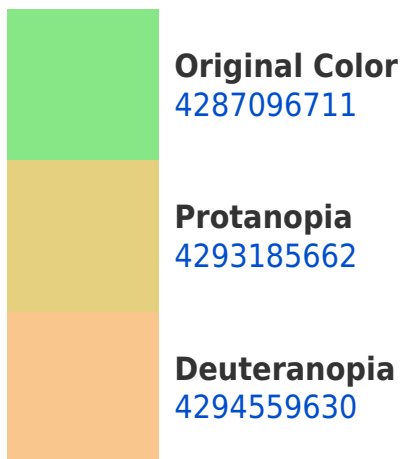


This preview shows how white text looks on a background with the Android color 4287096711.

# 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



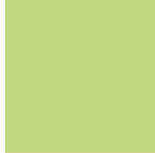


**Tritanopia**  
4288404461

# Trichromacy



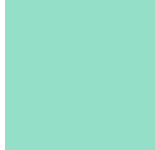
**Original Color**  
4287096711



**Protanomaly**  
4290959489



**Deuteranomaly**  
4291875723

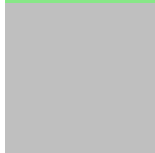


**Tritanomaly**  
4287946696

# Monochromacy



**Original Color**  
4287096711



**Achromatopsia**  
4290756543



**Achromatomaly**  
4289449643

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287096711 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(135, 231, 135)` looks like.

```
.text, #text, p{  
    color:rgb(135, 231, 135)  
}
```

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(135, 231, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 231, 135) }
```

## Border

The CSS property to change the border of an element to Android 4287096711 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(135, 231, 135) }
```

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

```
.border{ border-color:rgb(135, 231, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 231, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 231, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 231, 135);  
box-shadow:4px 4px 4px 4px rgb(135, 231,  
135) }
```

# Background

The CSS property to change the background color of an element to Android 4287096711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 231, 135) }
```

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

```
.background{ background-color: rgb(135,  
231, 135) }
```

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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