

# Converting Colors

Android(4286967700)

Have a look what the booklet for  
Android(4286967700) contains.

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# **Color**

**Android(4286967700)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85EF94
RGB	133, 239, 148
RGB Percent	52%, 94%, 58%
CMY	0.4784, 0.0627, 0.4196
CMYK	0.44, 0.00, 0.38, 0.06
HSL	128°, 77%, 73%
HSV	128°, 44%, 94%
XYZ	45.8847, 68.8577, 38.8895
YIQ	196.9320, -33.9650, -50.7730

# Conversions

## Conversions Part 2

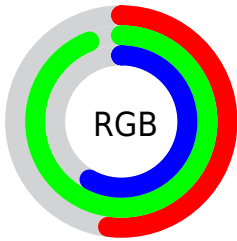
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">133, 226, 239</a>
Decimal	<a href="#">8777620</a>
CIELab	<a href="#">86.43, -49.29, 34.71</a>
CIELCh	<a href="#">86, 60.283, 144.848</a>
Yxy	<a href="#">68.8577, 0.2987, 0.4482</a>
Android (android.graphics.Color)	<a href="#">4286967700 (0xFF85EF94)</a>
YUV	<a href="#">196.9320, -24.1235, -56.0684</a>
Hunter-Lab	<a href="#">82.9805, -46.5131, 30.2996</a>

# Details

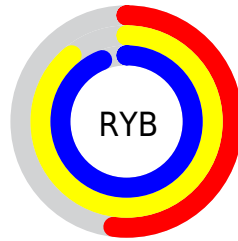
The Android color `4286967700` is a light color, and the websafe version is hex `99FF99`. A complement of this color would be `4293887456`, and the grayscale version is `4291151301`.

A 20% lighter version of the original color is `4290772939`, and `4283151968` is the 20% darker color. If you saturate the color by 10%, you get `4285394815`, and if you desaturate by 10%, it is `4288540585`.

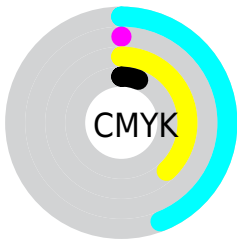
# Distribution



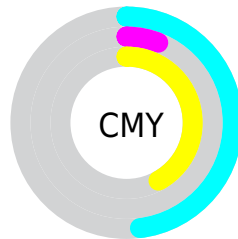
- Red (52%)
- Green (94%)
- Blue (58%)



- Red (52%)
- Yellow (89%)
- Blue (94%)



- Cyan (44%)
- Magenta (0%)
- Yellow (38%)
- Black (6%)



- Cyan (48%)
- Magenta (6%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286967700 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 4286967700 by changing the saturation by 10% instead.





4286967700



4286967700

4294967295



4285059706



4290772939



4283151968



4292673511



4281047879



4294639615



4278222895



4278216215



4278209792



4278203648



4278198016



4278190080

 4286967700

 4286967700

 4285394815

 4288540585

 4283821931

 4290113469

 4282249046

 4291686354

 4280676162

 4293259238

 4279168813

 4294766587

 4278251298

 4294963199

# Harmonies

## Analogous

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



4291552108



4286967700



4278253004

# Triad

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



4286967700



4283687423



4294945963

# Complementary

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



4286967700



4293887456

# 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.



4294945253



4286967700



4291677695

# Square

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



4286967700



4278251519



4294948863



4294950268

# Rectangle

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



4286967700



4278253044



4294948863



4294945214

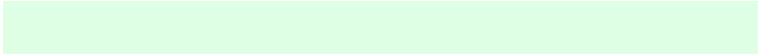


# Sweetspot

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



4286967700



4292804579



4292996997



4285235310



4278190080



4286611584



# Same Dimension

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



4286967700



4286119819



4286967752



4285298798



4278237210



4278204424



# Inverse Universe

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



4293887456



4294932716



4293887404



4286082166



4290248862

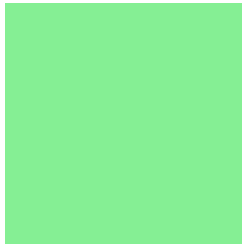


4281860144



# Previews

## White Background



This preview shows how the Android color 4286967700 looks on a white background.

## Color Contrast Check

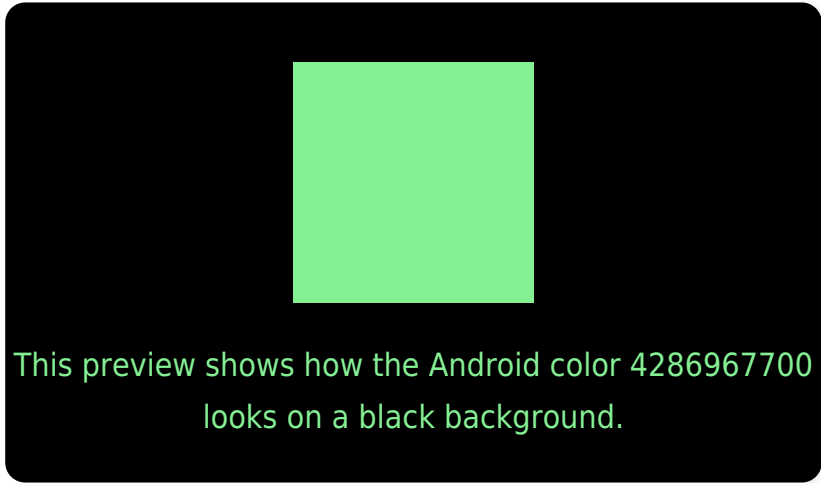
Large Text (above 18pt) WCAG AA × Fail

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 4286967700 Background



This preview shows how black text looks on a background with the Android color 4286967700.

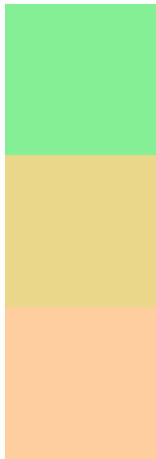


This preview shows how white text looks on a background with the Android color 4286967700.

# 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**  
4286967700

**Protanopia**  
4293580682

**Deuteranopia**  
4294954652



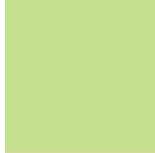
**Tritanopia**  
4288340982

# Trichromacy



**Original Color**

4286967700



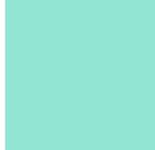
**Protanomaly**

4291158158



**Deuteranomaly**

4292074137



**Tritanomaly**

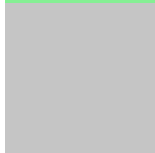
4287817682

# Monochromacy



**Original Color**

4286967700



**Achromatopsia**

4291151301



**Achromatomaly**

4289647795

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286967700 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(133, 239, 148)` looks like.

```
.text, #text, p{  
    color:rgb(133, 239, 148)  
}
```

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(133, 239, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 239, 148) }
```

## Border

The CSS property to change the border of an element to Android 4286967700 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(133, 239, 148) }
```

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

```
.border{ border-color:rgb(133, 239, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 239, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 239, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 239, 148);  
box-shadow:4px 4px 4px 4px rgb(133, 239,  
148) }
```

# Background

The CSS property to change the background color of an element to Android 4286967700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 239, 148) }
```

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

```
.background{ background-color: rgb(133,  
239, 148) }
```

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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