

# Converting Colors

Android(4288476842)

Have a look what the booklet for  
Android(4288476842) contains.

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# **Color**

**Android(4288476842)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CF6AA
RGB	156, 246, 170
RGB Percent	61%, 96%, 67%
CMY	0.3882, 0.0353, 0.3333
CMYK	0.37, 0.00, 0.31, 0.04
HSL	129°, 83%, 79%
HSV	129°, 37%, 96%
XYZ	53.9218, 75.8817, 49.8349
YIQ	210.4260, -29.2440, -42.7160

# Conversions

## Conversions Part 2

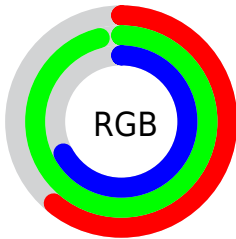
Format	Color
R <sub>YB</sub>	156, 234, 246
Decimal	10286762
CIE <sub>Lab</sub>	89.80, -42.14, 28.29
CIE <sub>LCh</sub>	90, 50.754, 146.123
Y <sub>xy</sub>	75.8817, 0.3002, 0.4224
Android (android.graphics.Color)	4288476842 (0xFF9CF6AA)
YUV	210.4260, -19.9300, -47.7316
Hunter-Lab	87.1101, -41.9500, 27.0578

# Details

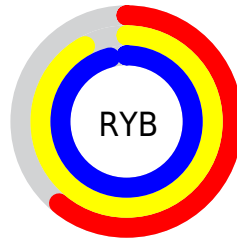
The Android color `4288476842` is a light color, and the websafe version is hex `99FFCC`. A complement of this color would be `4294352104`, and the grayscale version is `4292072403`.

A 20% lighter version of the original color is `4292214754`, and `4284857717` is the 20% darker color. If you saturate the color by 10%, you get `4286838421`, and if you desaturate by 10%, it is `4290115263`.

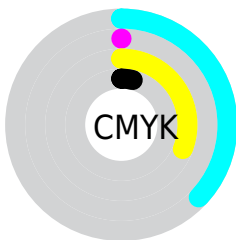
# Distribution



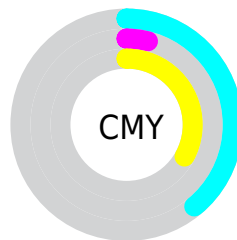
- Red (61%)
- Green (96%)
- Blue (67%)



- Red (61%)
- Yellow (92%)
- Blue (96%)



- Cyan (37%)
- Magenta (0%)
- Yellow (31%)
- Black (4%)



- Cyan (39%)
- Magenta (4%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288476842 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 4288476842 by changing the saturation by 10% instead.



 4288476842

 4288476842

4294967295

 4286634383

 4292214754

 4284857717

 4294115326

 4283015772

 4281042756

 4278218028

 4278211605

 4278205440

 4278200064

 4278190080

 4288476842

 4288476842

 4286838421

 4290115263

 4285265536

 4291688148

 4283627116

 4293326568

 4282054231

 4294899453

 4280415810

 4294964991

 4278777389

 4278253094

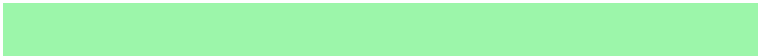
# Harmonies

## Analogous

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



4292275337



4288476842



4283694042

# Triad

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



4288476842



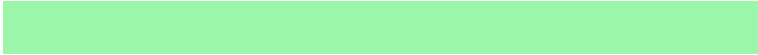
4287359487



4294950586

# Complementary

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



4288476842



4294352104

# 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.



4294950122



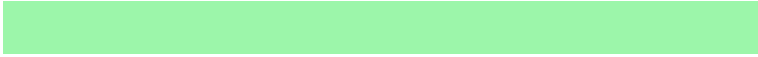
4288476842



4292794623

# Square

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



4288476842



4278253055



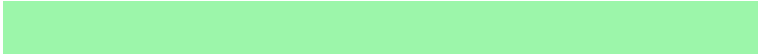
4294952703



4294954131

# Rectangle

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



4288476842



4278254587



4294952703

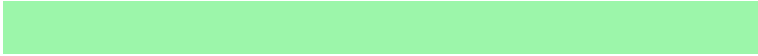


4294950089

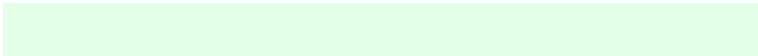


# Sweetspot

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



4288476842



4293132263



4293523100



4285497458



4278190080

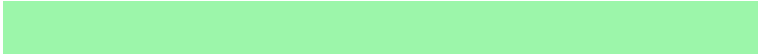


4286611584



# Same Dimension

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



4288476842



4287627168



4288476887



4285430384



4278237725



4278205193



# Inverse Universe

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



4294352104



4294938606



4294352059



4286213752



4290379933

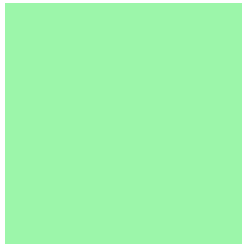


4282056754



# Previews

## White Background



This preview shows how the Android color 4288476842 looks on a white background.

## Color Contrast Check

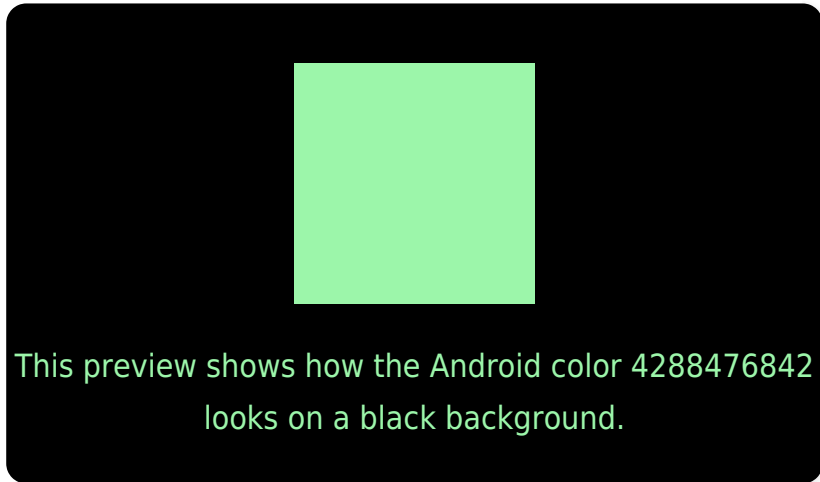
Large Text (above 18pt) WCAG AA × Fail

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 4288476842 Background



This preview shows how black text looks on a background with the Android color 4288476842.



This preview shows how white text looks on a background with the Android color 4288476842.

# 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



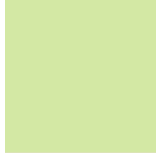


# Trichromacy



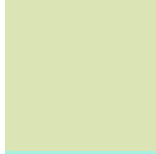
**Original Color**

4288476842



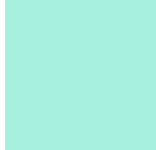
**Protanomaly**

4292077732



**Deuteranomaly**

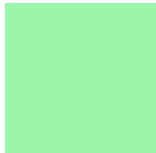
4292601013



**Tritanomaly**

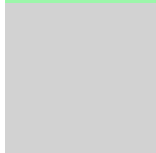
4289195999

# Monochromacy



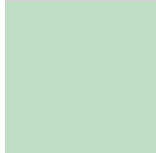
**Original Color**

4288476842



**Achromatopsia**

4292006610



**Achromatomaly**

4290699203

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288476842 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(156, 246, 170)` looks like.

```
.text, #text, p{  
    color:rgb(156, 246, 170)  
}
```

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(156, 246, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 246, 170) }
```

## Border

The CSS property to change the border of an element to Android 4288476842 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(156, 246, 170) }
```

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

```
.border{ border-color:rgb(156, 246, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 246, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 246, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 246, 170);  
box-shadow:4px 4px 4px 4px rgb(156, 246,  
170) }
```

# Background

The CSS property to change the background color of an element to Android 4288476842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 246, 170) }
```

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

```
.background{ background-color: rgb(156,  
246, 170) }
```

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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