

# Converting Colors

Android(4287691403)

Have a look what the booklet for  
Android(4287691403) contains.

<b>Android(4287691403)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4287691403)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90FA8B
RGB	144, 250, 139
RGB Percent	56%, 98%, 55%
CMY	0.4353, 0.0196, 0.4549
CMYK	0.42, 0.00, 0.44, 0.02
HSL	117°, 92%, 76%
HSV	117°, 44%, 98%
XYZ	50.3474, 76.1646, 36.4737
YIQ	205.6520, -27.5450, -56.9930

# Conversions

## Conversions Part 2

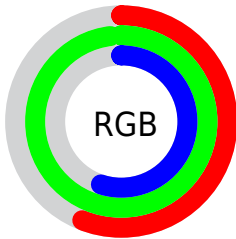
Format	Color
<a href="#">RYB</a>	<a href="#">139, 250, 245</a>
Decimal	<a href="#">9501323</a>
CIELab	<a href="#">89.94, -52.06, 43.75</a>
CIElCh	<a href="#">90, 68.000, 139.958</a>
Yxy	<a href="#">76.1646, 0.3089, 0.4673</a>
Android (android.graphics.Color)	<a href="#">4287691403 (0xFF90FA8B)</a>
YUV	<a href="#">205.6520, -32.8594, -54.0688</a>
Hunter-Lab	<a href="#">87.2723, -49.7499, 36.3115</a>

# Details

The Android color `4287691403` is a light color, and the websafe version is hex `99FF99`. A complement of this color would be `4294282234`, and the grayscale version is `4291743438`.

A 20% lighter version of the original color is `4291493826`, and `4283875671` is the 20% darker color. If you saturate the color by 10%, you get `4286118514`, and if you desaturate by 10%, it is `4289264292`.

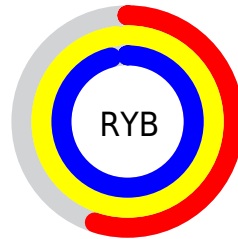
# Distribution



Red (56%)

Green (98%)

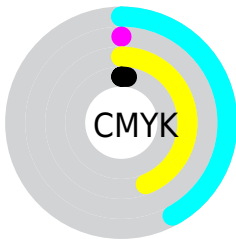
Blue (55%)



Red (55%)

Yellow (98%)

Blue (96%)

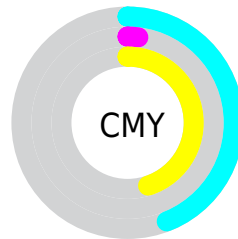


Cyan (42%)

Magenta (0%)

Yellow (44%)

Black (2%)



Cyan (44%)

Magenta (2%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287691403 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 4287691403 by changing the saturation by 10% instead.



 4287691403

 4287691403

4294967295

 4285783409

 4291493826

 4283875671

 4293459934

 4281836861

 4294967291

 4278815267

 4278218755

 4278212096

 4278205952

 4278200320

 4278190080

 4287691403

 4287691403

 4286118514

 4289264292

 4284545625

 4290837181

 4282972736

 4292410070

 4281465383

 4293917423

 4279892494

 4294966015

 4278974976

# Harmonies

## Analogous

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



4292734049



4287691403



4278255561

# Triad

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



4287691403



4278251775



4294945977

# Complementary

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



4287691403



4294282234

# 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.



4294946043



4287691403



4290894591

# Square

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



4287691403



4278255103



4294951167



4294950785

# Rectangle

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



4287691403



4278255607



4294951167



4294945231

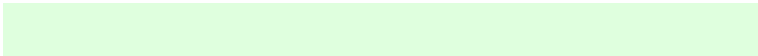


# Sweetspot

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



4287691403



4292870110



4294636683



4285300843



4278190080



4286611584



# Same Dimension

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



4287691403



4286513016



4287363773



4285627760



4278762752



4278402304



# Inverse Universe

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



4294282234



4294539519



4294609864



4286345341



4289986749

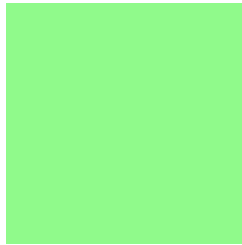


4281991229



# Previews

## White Background



This preview shows how the Android color 4287691403 looks on a white background.

## Color Contrast Check

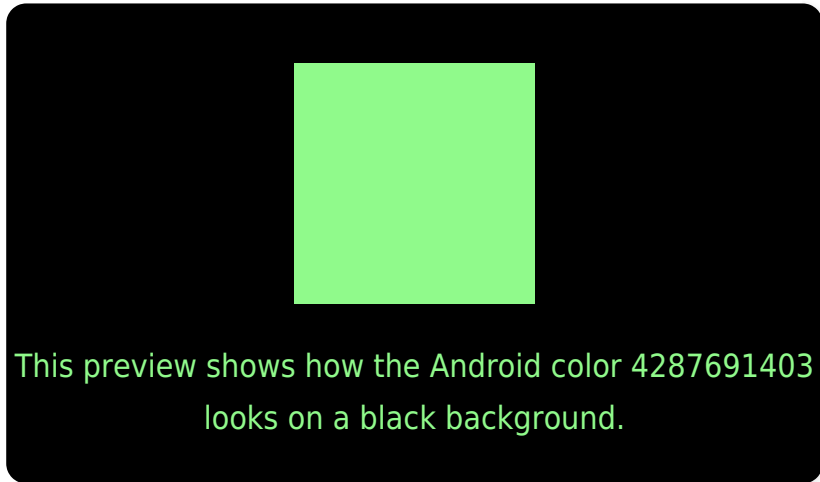
Large Text (above 18pt) WCAG AA × Fail

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 4287691403 Background



This preview shows how black text looks on a background with the Android color 4287691403.

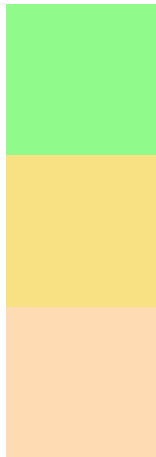


This preview shows how white text looks on a background with the Android color 4287691403.

# 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**  
4287691403

**Protanopia**  
4294435202

**Deuteranopia**  
4294958004

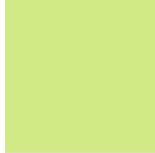


**Tritanopia**  
4289260799

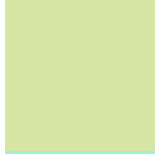
# Trichromacy



**Original Color**  
4287691403



**Protanomaly**  
4292012677



**Deuteranomaly**  
4292339365

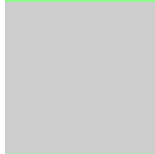


**Tritanomaly**  
4288672213

# Monochromacy



**Original Color**  
4287691403



**Achromatopsia**  
4291743438



**Achromatomaly**  
4290240182

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287691403 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(144, 250, 139)` looks like.

```
.text, #text, p{  
    color:rgb(144, 250, 139)  
}
```

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(144, 250, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 250, 139) }
```

## Border

The CSS property to change the border of an element to Android 4287691403 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(144, 250, 139) }
```

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

```
.border{ border-color:rgb(144, 250, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 250, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 250, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 250, 139);  
box-shadow:4px 4px 4px 4px rgb(144, 250,  
139) }
```

# Background

The CSS property to change the background color of an element to Android 4287691403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 250, 139) }
```

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

```
.background{ background-color: rgb(144,  
250, 139) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor