

# Converting Colors

Android(4287954876)

Have a look what the booklet for  
Android(4287954876) contains.

<b>Android(4287954876)</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(4287954876)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94FFBC
RGB	148, 255, 188
RGB Percent	58%, 100%, 74%
CMY	0.4196, 0.0000, 0.2627
CMYK	0.42, 0.00, 0.26, 0.00
HSL	142°, 100%, 79%
HSV	142°, 42%, 100%
XYZ	57.0498, 81.4467, 60.2909
YIQ	215.3690, -42.2650, -43.5210

# Conversions

## Conversions Part 2

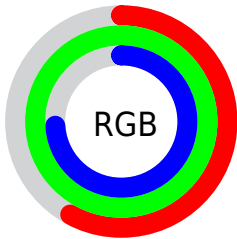
Format	Color
<a href="#">RYB</a>	<a href="#">148, 226, 255</a>
Decimal	<a href="#">9764796</a>
CIELab	<a href="#">92.33, -45.17, 22.54</a>
CIElCh	<a href="#">92, 50.483, 153.478</a>
Yxy	<a href="#">81.4467, 0.2870, 0.4097</a>
Android (android.graphics.Color)	<a href="#">4287954876</a> ( <a href="#">0xFF94FFBC</a> )
YUV	<a href="#">215.3690, -13.4929, -59.0826</a>
Hunter-Lab	<a href="#">90.2478, -45.0956, 23.5643</a>

# Details

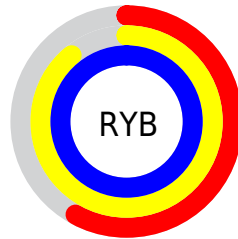
The Android color `4287954876` is a light color, and the websafe version is hex `99FFCC`. A complement of this color would be `4294939863`, and the grayscale version is `4292401368`.

A 20% lighter version of the original color is `4291756020`, and `4284204678` is the 20% darker color. If you saturate the color by 10%, you get `4286316460`, and if you desaturate by 10%, it is `4289658828`.

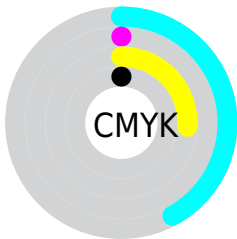
# Distribution



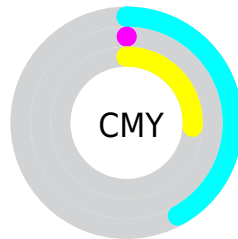
- Red (58%)
- Green (100%)
- Blue (74%)



- Red (58%)
- Yellow (89%)
- Blue (100%)



- Cyan (42%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)



- Cyan (42%)
- Magenta (0%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287954876 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 4287954876 by changing the saturation by 10% instead.





4287954876



4287954876

4294967295



4286046881



4291756020



4284204678



4293656575



4282231405



4279799636



4278220093



4278213414



4278207248



4278201344



4278193920


 4287954876

 4287954876

 4286316460

 4289658828

 4284612508

 4291297244

 4282974092

 4293001196

 4281270140

 4294639612

 4279631724

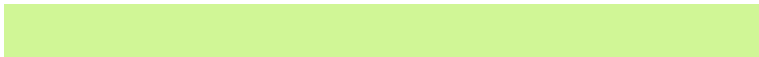
4294967295

 4278255455

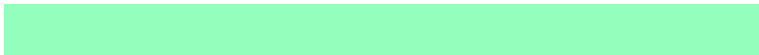
# Harmonies

## Analogous

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



4291884694



4287954876



4282974189

# Triad

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



4287954876



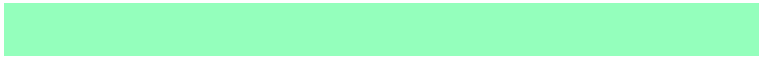
4289391871



4294953142

# Complementary

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



4287954876



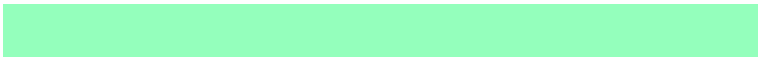
4294939863

# 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.



4294951909



4287954876



4294367999

# Square

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



4287954876



4282907391



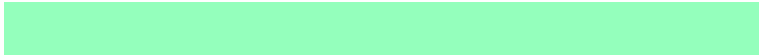
4294953727



4294956947

# Rectangle

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



4287954876



4278255615



4294953727

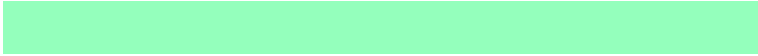


4294952389

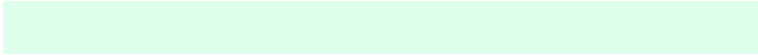


# Sweetspot

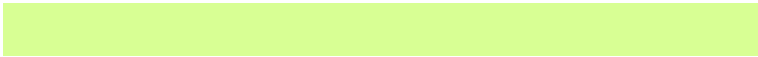
The Sweet Spot groups the original color and five complimentary colors.



4287954876



4292804586



4292411284



4285235315



4278190080

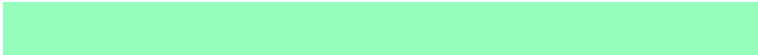


4286611584



# Same Dimension

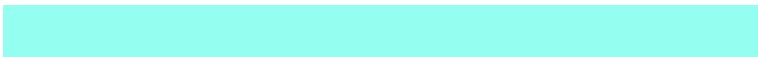
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4287954876



4286644143



4287954929



4285759608



4278239047



4278206488



# Inverse Universe

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



4294939863



4294934735



4294939810



4286608251



4290707576

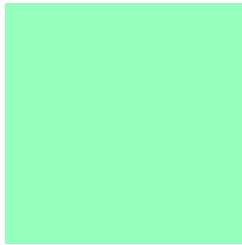


4282384424



# Previews

## White Background



This preview shows how the Android color 4287954876 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



This preview shows how the Android color 4287954876 looks on a 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 4287954876 Background



This preview shows how black text looks on a background with the Android color 4287954876.

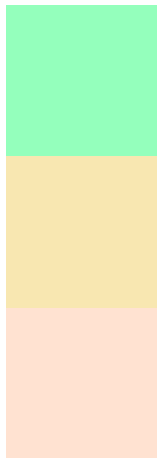


This preview shows how white text looks on a background with the Android color 4287954876.

# 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**  
4287954876

**Protanopia**  
4294502321

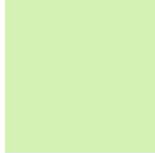
**Deuteranopia**  
4294959825



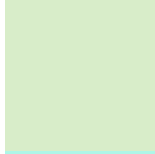
# Trichromacy



**Original Color**  
4287954876



**Protanomaly**  
4292145333



**Deuteranomaly**  
4292406729



**Tritanomaly**  
4289656551

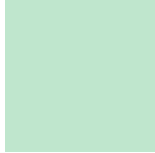
# Monochromacy



**Original Color**  
4287954876



**Achromatopsia**  
4292335575



**Achromatomaly**  
4290766541

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287954876 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(148, 255, 188)` looks like.

```
.text, #text, p{  
    color:rgb(148, 255, 188)  
}
```

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(148, 255, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 255, 188) }
```

## Border

The CSS property to change the border of an element to Android 4287954876 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(148, 255, 188) }
```

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

```
.border{ border-color:rgb(148, 255, 188) }
```

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

Here you see how a box with a 4 pixel rgb(148, 255, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 255, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 255, 188);  
box-shadow:4px 4px 4px 4px rgb(148, 255,  
188) }
```

# Background

The CSS property to change the background color of an element to Android 4287954876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 255, 188) }
```

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

```
.background{ background-color: rgb(148,  
255, 188) }
```

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