

# Converting Colors

Android(4287168444)

Have a look what the booklet for  
Android(4287168444) contains.

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**Color**

**Android(4287168444)**

# Conversions

## Conversions Part 1

Format	Color
Hex	88FFBC
RGB	136, 255, 188
RGB Percent	53%, 100%, 74%
CMY	0.4667, 0.0000, 0.2627
CMYK	0.47, 0.00, 0.26, 0.00
HSL	146°, 100%, 77%
HSV	146°, 47%, 100%
XYZ	54.9904, 80.3851, 60.1945
YIQ	211.7810, -49.4170, -46.0650

# Conversions

## Conversions Part 2

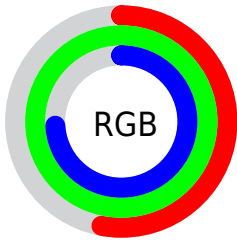
Format	Color
<a href="#">RYB</a>	<a href="#">136, 219, 255</a>
Decimal	<a href="#">8978364</a>
CIELab	<a href="#">91.86, -48.27, 21.82</a>
CIElCh	<a href="#">92, 52.971, 155.680</a>
Yxy	<a href="#">80.3851, 0.2812, 0.4110</a>
Android (android.graphics.Color)	<a href="#">4287168444 (0xFF88FFBC)</a>
YUV	<a href="#">211.7810, -11.7240, -66.4599</a>
Hunter-Lab	<a href="#">89.6577, -47.4203, 22.9542</a>

# Details

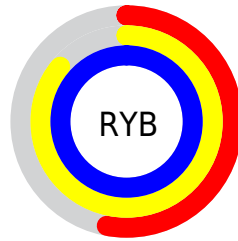
The Android color `4287168444` is a light color, and the websafe version is hex `99FFCC`. A complement of this color would be `4294936779`, and the grayscale version is `4292138196`.

A 20% lighter version of the original color is `4291035124`, and `4283221382` is the 20% darker color. If you saturate the color by 10%, you get `4285530030`, and if you desaturate by 10%, it is `4288872394`.

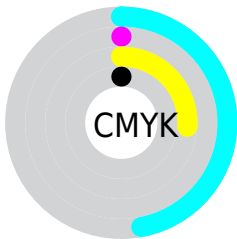
# Distribution



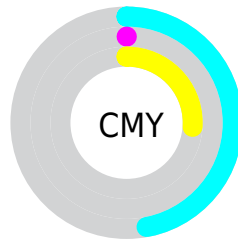
- Red (53%)
- Green (100%)
- Blue (74%)



- Red (53%)
- Yellow (86%)
- Blue (100%)



- Cyan (47%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)



- Cyan (47%)
- Magenta (0%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287168444 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 4287168444 by changing the saturation by 10% instead.





4287168444



4287168444

4294967295



4285260449



4291035124



4283221382



4292935679



4280986221

4294901759



4278226772



4278219837



4278213414



4278206992



4278201344



4278193408

 4287168444

 4287168444

 4285530030

 4288872394

 4283826079

 4290510809

 4282187665

 4292214759

 4280483715

 4293853173

 4278845300

4294967295

 4278255471

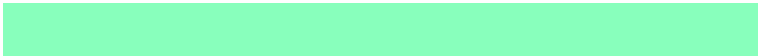
# Harmonies

## Analogous

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



4291360403



4287168444



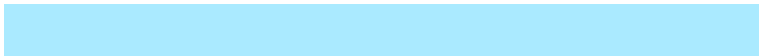
4280483824

# Triad

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



4287168444



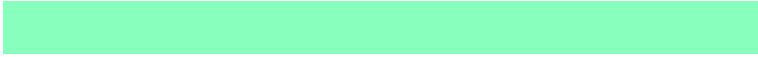
4289391359



4294952623

# Complementary

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



4287168444



4294936779

# 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.



4294950880



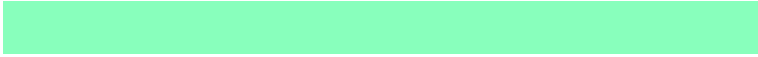
4287168444



4294629375

# Square

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



4287168444



4281727231



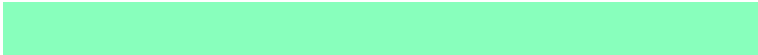
4294952703



4294956684

# Rectangle

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



4287168444



4278255615



4294952703



4294951614

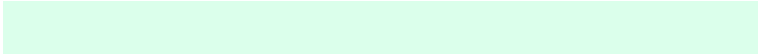


# Sweetspot

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



4287168444



4292607979



4291559304



4285169779



4278190080

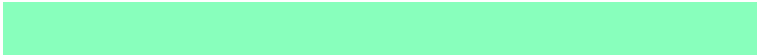


4286611584



# Same Dimension

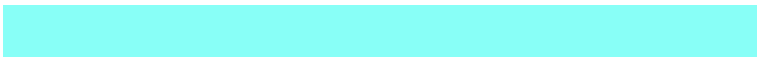
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4287168444



4285595567



4287168503



4285759608



4278239060



4278206492



# Inverse Universe

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



4294936779



4294930625



4294936720



4286608250



4290707564

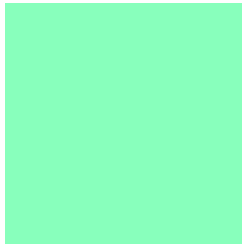


4282384420



# Previews

## White Background



This preview shows how the Android color 4287168444 looks on a white background.

## Color Contrast Check

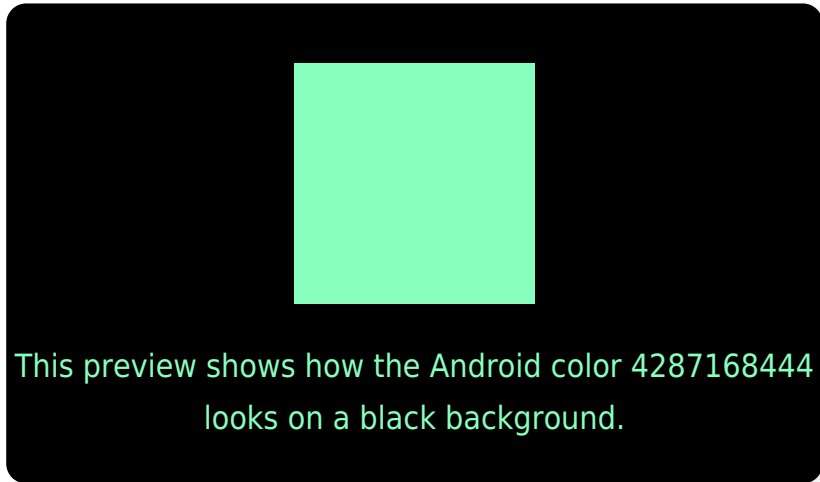
Large Text (above 18pt) WCAG AA × Fail

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 4287168444 Background



This preview shows how black text looks on a background with the Android color 4287168444.

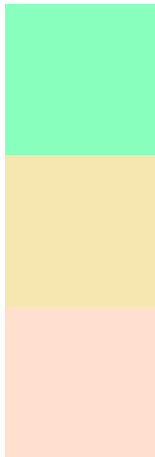


This preview shows how white text looks on a background with the Android color 4287168444.

# 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**  
4287168444

**Protanopia**  
4294370992

**Deuteranopia**  
4294959310



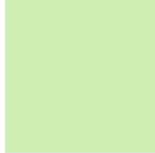
**Tritanopia**  
4290179583

# Trichromacy



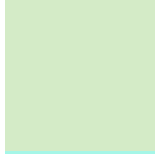
**Original Color**

4287168444



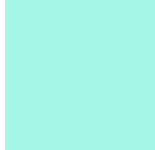
**Protanomaly**

4291751860



**Deuteranomaly**

4292144071



**Tritanomaly**

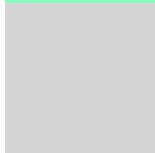
4289066727

# Monochromacy



**Original Color**

4287168444



**Achromatopsia**

4292138196



**Achromatomaly**

4290307275

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287168444 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(136, 255, 188)` looks like.

```
.text, #text, p{  
    color:rgb(136, 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(136, 255, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 255, 188) }
```

## Border

The CSS property to change the border of an element to Android 4287168444 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(136, 255, 188) }
```

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

```
.border{ border-color:rgb(136, 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(136, 255, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 255, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 255, 188);  
box-shadow:4px 4px 4px 4px rgb(136, 255,  
188) }
```

# Background

The CSS property to change the background color of an element to Android 4287168444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 255, 188) }
```

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

```
.background{ background-color: rgb(136,  
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](#).



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