

Converting Colors

Android(4287688078)

Have a look what the booklet for
Android(4287688078) contains.

Android(4287688078)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4287688078)

Conversions

Conversions Part 1

Format	Color
Hex	90ED8E
RGB	144, 237, 142
RGB Percent	56%, 93%, 56%
CMY	0.4353, 0.0706, 0.4431
CMYK	0.39, 0.00, 0.40, 0.07
HSL	119°, 73%, 74%
HSV	119°, 40%, 93%
XYZ	46.6683, 68.4507, 36.3438
YIQ	198.3630, -24.9330, -49.2610

Conversions

Conversions Part 2

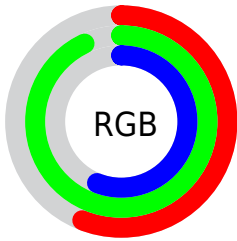
Format	Color
RYB	142, 237, 235
Decimal	9497998
CIELab	86.23, -46.20, 37.53
CIELCh	86, 59.517, 140.913
Yxy	68.4507, 0.3081, 0.4519
Android (android.graphics.Color)	4287688078 (0xFF90ED8E)
YUV	198.3630, -27.7870, -47.6764
Hunter-Lab	82.7349, -44.0996, 31.8695

Details

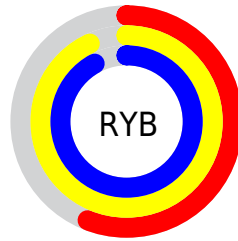
The Android color **4287688078** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **4293627629**, and the grayscale version is **4291282887**.

A 20% lighter version of the original color is **4291428293**, and **4284003418** is the 20% darker color. If you saturate the color by 10%, you get **4286180726**, and if you desaturate by 10%, it is **4289195430**.

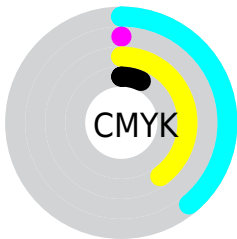
Distribution



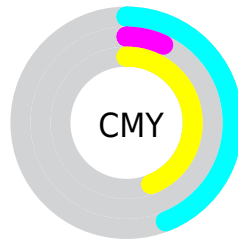
- Red (56%)
- Green (93%)
- Blue (56%)



- Red (56%)
- Yellow (93%)
- Blue (92%)



- Cyan (39%)
- Magenta (0%)
- Yellow (40%)
- Black (7%)



- Cyan (44%)
- Magenta (7%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287688078 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 4287688078 by changing the saturation by 10% instead.



4287688078



4287688078

4294967295



4285845620



4291428293



4284003418



4293328865



4282095937

4294967294



4279795497



4278215951



4278209536



4278203392



4278197760



4278190080

 4287688078

 4287688078

 4286180726


 4289195430

 4284673375

 4290702781

 4283100487

 4292275669

 4281593135

 4293783021

 4280085784

 4294962687

 4278578432

Harmonies

Analogous

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



4292010346



4287688078



4279235524

Triad

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



4287688078



4282049535



4294945715

Complementary

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



4287688078



4293627629

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.



4294945515



4287688078



4290826495

Square

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



4287688078



4278251519



4294949631



4294949506

Rectangle

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



4287688078



4278253035



4294949631



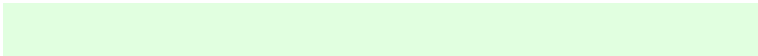
4294944965

Sweetspot

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



4287688078



4293001184



4293782158



4285431918



4278190080



4286611584

Same Dimension

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



4287688078



4287102853



4287557050



4285166954



4278498560



4278269440

Inverse Universe

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



4293627629



4294739455



4293758657



4285885045



4289790133



4281598006

Previews

White Background



This preview shows how the Android color 4287688078 looks on a white background.

Color Contrast Check

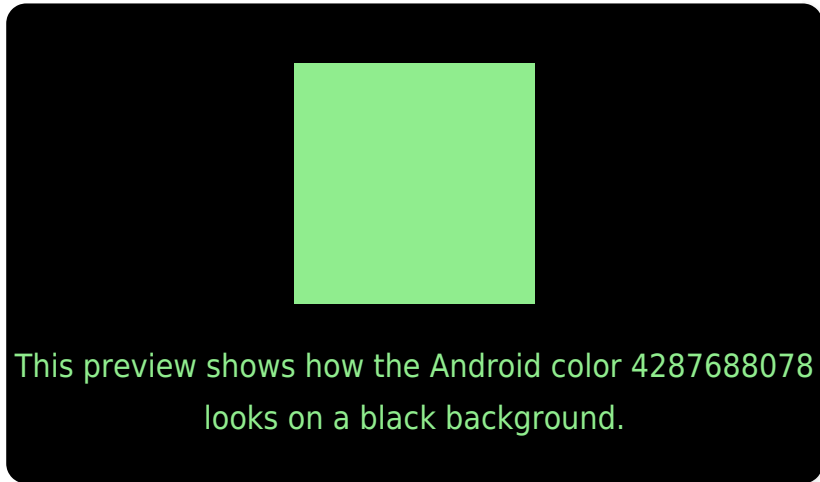
Large Text (above 18pt) WCAG AA × Fail

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 4287688078 Background



This preview shows how black text looks on a background with the Android color 4287688078.



This preview shows how white text looks on a background with the Android color 4287688078.

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

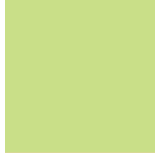


Trichromacy



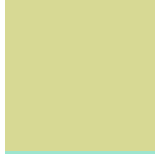
Original Color

4287688078



Protanomaly

4291420040



Deuteranomaly

4292336020



Tritanomaly

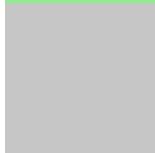
4288538062

Monochromacy



Original Color

4287688078



Achromatopsia

4291217094



Achromatomaly

4289909938

CSS Examples

Text

The CSS property to change the color of the text to Android 4287688078 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, 237, 142)` looks like.

```
.text, #text, p{  
    color:rgb(144, 237, 142)  
}
```

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, 237, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 237, 142) }
```

Border

The CSS property to change the border of an element to Android 4287688078 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, 237, 142) }
```

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

```
.border{ border-color:rgb(144, 237, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 237, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 237, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 237, 142);  
box-shadow:4px 4px 4px 4px rgb(144, 237,  
142) }
```

Background

The CSS property to change the background color of an element to Android 4287688078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 237, 142) }
```

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

```
.background{ background-color: rgb(144,  
237, 142) }
```

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