

Converting Colors

Android(4287945897)

Have a look what the booklet for
Android(4287945897) contains.

Android(4287945897)	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(4287945897)

Conversions

Conversions Part 1

Format	Color
Hex	94DCA9
RGB	148, 220, 169
RGB Percent	58%, 86%, 66%
CMY	0.4196, 0.1373, 0.3373
CMYK	0.33, 0.00, 0.23, 0.14
HSL	138°, 51%, 72%
HSV	138°, 33%, 86%
XYZ	44.9674, 60.3469, 46.8142
YIQ	192.6580, -26.5410, -31.1250

Conversions

Conversions Part 2

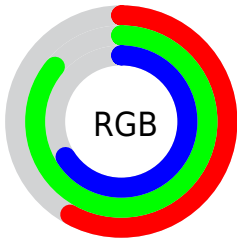
Format	Color
RYB	148, 204, 220
Decimal	9755817
CIELab	82.03, -32.92, 18.06
CIELCh	82, 37.552, 151.253
Yxy	60.3469, 0.2956, 0.3967
Android (android.graphics.Color)	4287945897 (0xFF94DCA9)
YUV	192.6580, -11.6634, -39.1651
Hunter-Lab	77.6832, -32.6200, 18.6484

Details

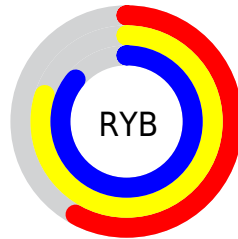
The Android color `4287945897` is a light color, and the websafe version is hex `99CC99`. A complement of this color would be `4292646087`, and the grayscale version is `4290888129`.

A 20% lighter version of the original color is `4291624928`, and `4284392821` is the 20% darker color. If you saturate the color by 10%, you get `4286504089`, and if you desaturate by 10%, it is `4289387705`.

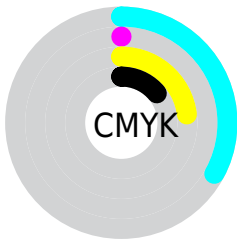
Distribution



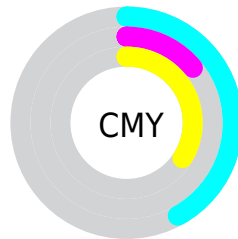
- Red (58%)
- Green (86%)
- Blue (66%)



- Red (58%)
- Yellow (80%)
- Blue (86%)



- Cyan (33%)
- Magenta (0%)
- Yellow (23%)
- Black (14%)



- Cyan (42%)
- Magenta (14%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287945897 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 4287945897 by changing the saturation by 10% instead.



4287945897



4287945897

4294967295



4286169230



4291624928



4284392821



4293525501



4282681948



4280905796



4278736686



4278206232



4278200576



4278193664



4278190080

 4287945897

 4287945897

 4286504089

 4289387705

 4285062282

 4290829512

 4283620474

 4292271320

 4282178667

 4293713127

 4280736859

 4294958327

 4279295051

 4294958335

 4278246464

Harmonies

Analogous

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



4290631055



4287945897



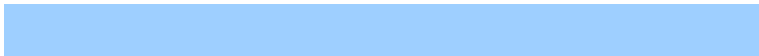
4285259724

Triad

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



4287945897



4288598015



4294948009

Complementary

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



4287945897



4292646087

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.



4294947276



4287945897



4292068095

Square

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



4287945897



4285192703



4294621166



4294950543

Rectangle

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



4287945897



4283883492



4294621166



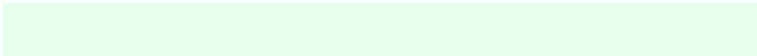
4294947508

Sweetspot

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



4287945897



4293328877



4291353748



4285562997



4278190080



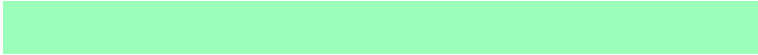
4286611584

Same Dimension

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



4287945897



4288479161



4287945932



4284706406



4278234419



4278201869

Inverse Universe

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



4292646087



4294941922



4292646052



4285424490



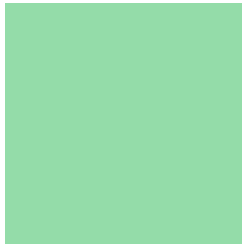
4289527931



4281204769

Previews

White Background



This preview shows how the Android color 4287945897 looks on a white background.

Color Contrast Check

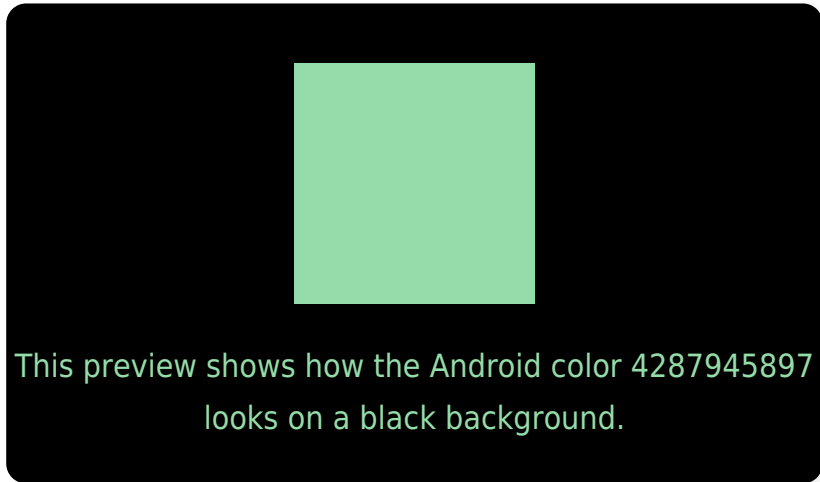
Large Text (above 18pt) WCAG AA × Fail

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

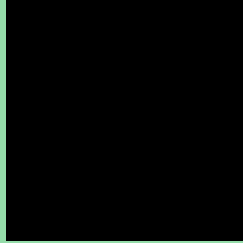
Any Text WCAG AA ✓ Pass

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 4287945897 Background



This preview shows how black text looks on a background with the Android color 4287945897.

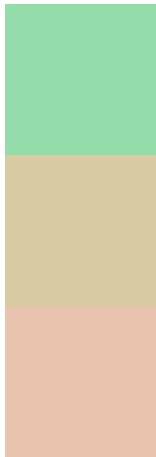


This preview shows how white text looks on a background with the Android color 4287945897.

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
[4287945897](#)

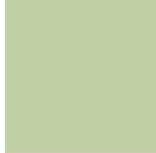
Protanopia
[4292397985](#)

Deuteranopia
[4293510062](#)

Trichromacy



Original Color
4287945897



Protanomaly
4290761124



Deuteranomaly
4291480748

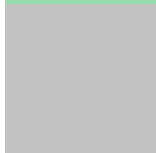


Tritanomaly
4288468943

Monochromacy



Original Color
4287945897



Achromatopsia
4290888129



Achromatomaly
4289842104

CSS Examples

Text

The CSS property to change the color of the text to Android 4287945897 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, 220, 169)` looks like.

```
.text, #text, p{  
    color:rgb(148, 220, 169)  
}
```

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, 220, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 220, 169) }
```

Border

The CSS property to change the border of an element to Android 4287945897 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, 220, 169) }
```

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

```
.border{ border-color:rgb(148, 220, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 220, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 220, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 220, 169);  
box-shadow:4px 4px 4px 4px rgb(148, 220,  
169) }
```

Background

The CSS property to change the background color of an element to Android 4287945897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 220, 169) }
```

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

```
.background{ background-color: rgb(148,  
220, 169) }
```

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