

Converting Colors

Android(4294687870)

Have a look what the booklet for
Android(4294687870) contains.

| | |
|--|----|
| Android(4294687870) | 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(4294687870)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FBBC7E |
| RGB | 251, 188, 126 |
| RGB Percent | 98%, 74%, 49% |
| CMY | 0.0157, 0.2627, 0.5059 |
| CMYK | 0.00, 0.25, 0.50, 0.02 |
| HSL | 30°, 94%, 74% |
| HSV | 30°, 50%, 98% |
| XYZ | 61.5328, 57.9820, 27.6872 |
| YIQ | 199.7690, 57.4500, -5.9260 |

Conversions

Conversions Part 2

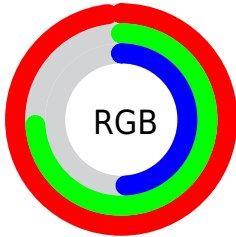
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 251, 249, 126 |
| Decimal | 16497790 |
| CIE Lab | 80.73, 15.61, 40.07 |
| CIE LCh | 81, 42.998, 68.720 |
| Yxy | 57.9820, 0.4180, 0.3939 |
| Android (android.graphics.Color) | 4294687870 (0xFFFFBBC7E) |
| YUV | 199.7690, -36.3681, 44.9296 |
| Hunter-Lab | 76.1459, 10.9887, 31.7439 |

Details

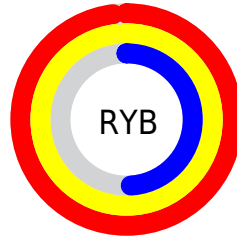
The Android color **4294687870** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **4286496251**, and the grayscale version is **4291348680**.

A 20% lighter version of the original color is **4294964404**, and **4290807628** is the 20% darker color. If you saturate the color by 10%, you get **4294684517**, and if you desaturate by 10%, it is **4294691223**.

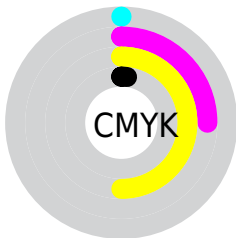
Distribution



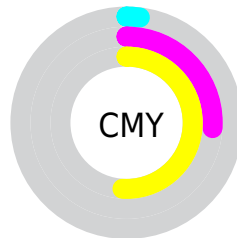
- Red (98%)
- Green (74%)
- Blue (49%)



- Red (98%)
- Yellow (98%)
- Blue (49%)



- Cyan (0%)
- Magenta (25%)
- Yellow (50%)
- Black (2%)

















- Cyan (2%)
- Magenta (26%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294687870 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 4294687870 by changing the saturation by 10% instead.

| | |
|--|--|
|  4294687870 |  4294687870 |
| 4294967295 |  4292714852 |
|  4294964404 |  4290807628 |
|  4294967247 |  4288900403 |
|  4294967276 |  4287059228 |
| |  4285218306 |
| |  4283443200 |
| |  4281733888 |
| |  4280221696 |
| |  4278190080 |

 4294687870

 4294687870

 4294684517

 4294691223

 4294681420

 4294694320

 4294678067

 4294697673

 4294674714

 4294701026

 4294671616

 4294704123

 4294671360

 4294705151

Harmonies

Analogous

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



4294946712



4294687870



4292332152

Triad

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



4294687870



4282375891



4292655871

Complementary

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



4294687870



4286496251

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.



4288792831



4294687870



4279164153

Square

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



4294687870



4286241962



4284077311



4294946278

Rectangle

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



4294687870



4290499200



4284077311



4291477503

Sweetspot

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



4294687870



4294962393



4294672063



4286608489



4278190080



4286611584

Same Dimension

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



4294687870



4294947430



4294703486



4286412656



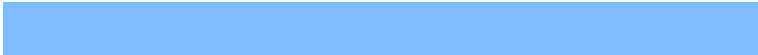
4290600448



4282195456

Inverse Universe

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



4286496251



4284920831



4286480635



4285560701



4278214589



4278198077

Previews

White Background



This preview shows how the Android color 4294687870 looks on a white background.

Color Contrast Check

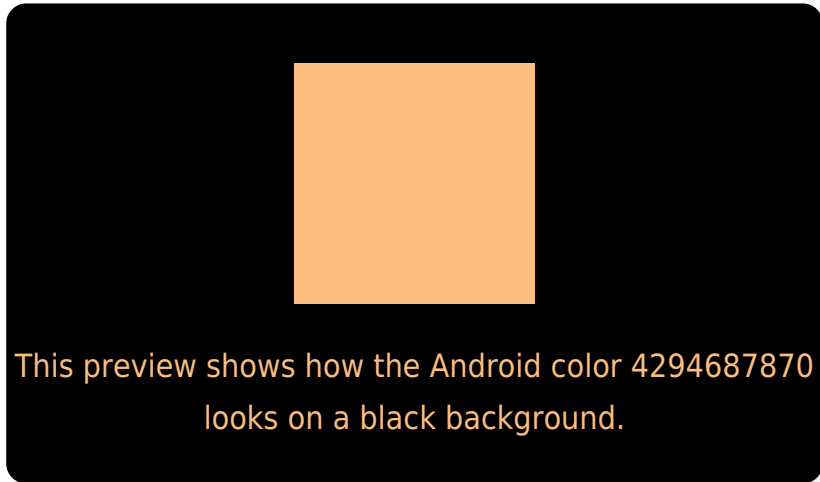
Large Text (above 18pt) WCAG AA × Fail

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 4294687870 Background



This preview shows how black text looks on a background with the Android color 4294687870.



This preview shows how white text looks on a background with the Android color 4294687870.

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
[4294687870](#)

Protanopia
[4292528515](#)

Deuteranopia
[4294099069](#)



Tritanopia
4294948034

Trichromacy



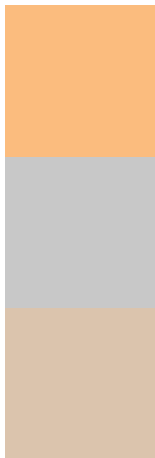
Original Color
4294687870

Protanomaly
4293313665

Deuteranomaly
4294295421

Tritanomaly
4294883241

Monochromacy



Original Color
4294687870

Achromatopsia
4291348680

Achromatomaly
4292592813

CSS Examples

Text

The CSS property to change the color of the text to Android 4294687870 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(251, 188, 126)` looks like.

```
.text, #text, p{  
    color:rgb(251, 188, 126)  
}
```

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(251, 188, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 188, 126) }
```

Border

The CSS property to change the border of an element to Android 4294687870 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(251, 188, 126) }
```

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

```
.border{ border-color:rgb(251, 188, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 188, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 188, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 188, 126);  
box-shadow:4px 4px 4px 4px rgb(251, 188,  
126) }
```

Background

The CSS property to change the background color of an element to Android 4294687870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 188, 126) }
```

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

```
.background{ background-color: rgb(251,  
188, 126) }
```

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