

Converting Colors

Android(4286498731)

Have a look what the booklet for
Android(4286498731) contains.

Android(4286498731)	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(4286498731)

Conversions

Conversions Part 1

Format	Color
Hex	7EC7AB
RGB	126, 199, 171
RGB Percent	49%, 78%, 67%
CMY	0.5059, 0.2196, 0.3294
CMYK	0.37, 0.00, 0.14, 0.22
HSL	157°, 39%, 64%
HSV	157°, 37%, 78%
XYZ	36.3783, 48.2227, 45.9187
YIQ	173.9810, -34.5200, -24.1840

Conversions

Conversions Part 2

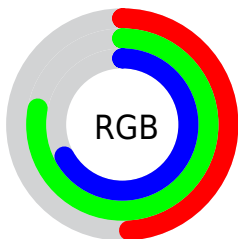
Format	Color
RYB	126, 171, 199
Decimal	8308651
CIELab	74.97, -29.07, 6.85
CIElCh	75, 29.862, 166.731
Yxy	48.2227, 0.2787, 0.3695
Android (android.graphics.Color)	4286498731 (0xFF7EC7AB)
YUV	173.9810, -1.4696, -42.0793
Hunter-Lab	69.4426, -28.0153, 9.4045

Details

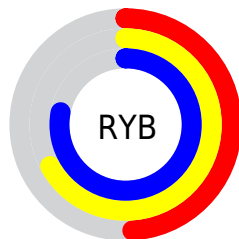
The Android color `4286498731` is a light color, and the websafe version is hex `99CC99`. A complement of this color would be `4291264154`, and the grayscale version is `4289638062`.

A 20% lighter version of the original color is `4290117602`, and `4283011447` is the 20% darker color. If you saturate the color by 10%, you get `4285188003`, and if you desaturate by 10%, it is `4287809459`.

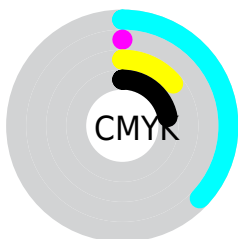
Distribution



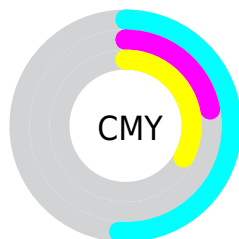
- Red (49%)
- Green (78%)
- Blue (67%)



- Red (49%)
- Yellow (67%)
- Blue (78%)



- Cyan (37%)
- Magenta (0%)
- Yellow (14%)
- Black (22%)



- Cyan (51%)
- Magenta (22%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286498731 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 4286498731 by changing the saturation by 10% instead.



4286498731



4286498731

4294967295



4284722064



4290117602



4283011447



4291952639



4281235294



4293853183



4279066183



4278208048



4278201883



4278196736



4278190080



4286498731



4286498731

 4285188003

 4287809459


 4283877276

 4289120186

 4282566548

 4290430914

 4281255820

 4291741642

 4280010629

 4293052369

 4278699901

 4294297561

 4278241147

 4294952928

 4294952936

 4294952944

Harmonies

Analogous

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



4288529298



4286498731



4284991687

Triad

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



4286498731



4289509101



4293569170

Complementary

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



4286498731



4291264154

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.



4293961130



4286498731



4291800286

Square

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



4286498731



4286889965



4293371590



4292326275

Rectangle

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



4286498731



4284794584



4293371590



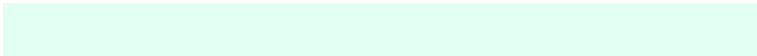
4293765273

Sweetspot

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



4286498731



4293132276



4288399230



4285497465



4278190080



4286611584

Same Dimension

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



4286498731



4287627220



4286496967



4284113760



4278231909



4278199318

Inverse Universe

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



4291264154



4294938554



4291265918



4284701277



4288872511



4280549390

Previews

White Background



This preview shows how the Android color 4286498731 looks on a white background.

Color Contrast Check

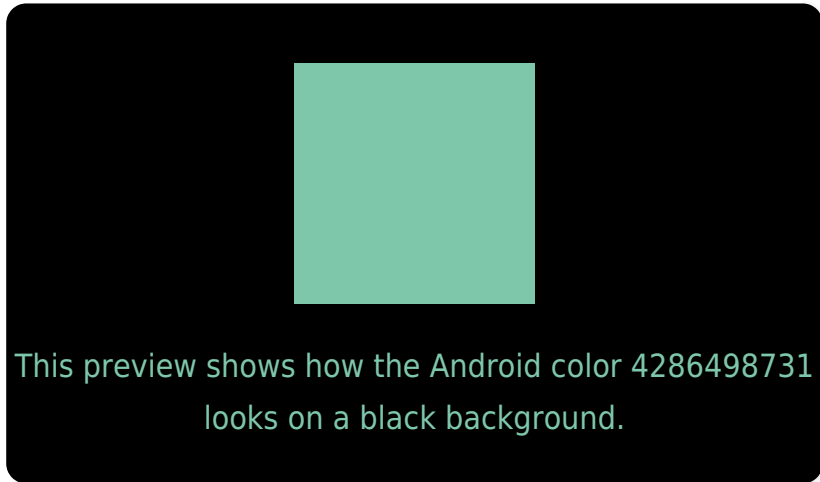
Large Text (above 18pt) WCAG AA × Fail

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 4286498731 Background



This preview shows how black text looks on a background with the Android color 4286498731.

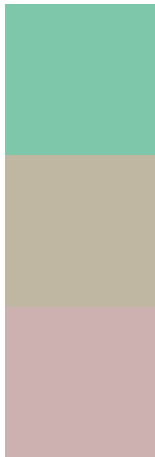


This preview shows how white text looks on a background with the Android color 4286498731.

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
4286498731

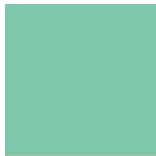
Protanopia
4290820003

Deuteranopia
4291604912



Tritanopia
4287087313

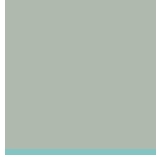
Trichromacy



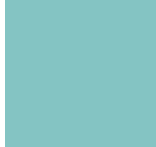
Original Color
4286498731



Protanomaly
4289248678



Deuteranomaly
4289771950

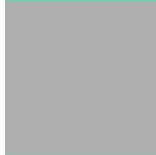


Tritanomaly
4286891203

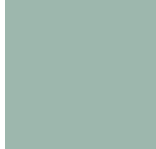
Monochromacy



Original Color
4286498731



Achromatopsia
4289638062



Achromatomaly
4288526253

CSS Examples

Text

The CSS property to change the color of the text to Android 4286498731 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(126, 199, 171)` looks like.

```
.text, #text, p{  
    color:rgb(126, 199, 171)  
}
```

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(126, 199, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 199, 171) }
```

Border

The CSS property to change the border of an element to Android 4286498731 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(126, 199, 171) }
```

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

```
.border{ border-color:rgb(126, 199, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 199, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 199, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 199, 171);  
box-shadow:4px 4px 4px 4px rgb(126, 199,  
171) }
```

Background

The CSS property to change the background color of an element to Android 4286498731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 199, 171) }
```

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

```
.background{ background-color: rgb(126,  
199, 171) }
```

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