

Converting Colors

Android(4287082886)

Have a look what the booklet for
Android(4287082886) contains.

Android(4287082886)	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(4287082886)

Conversions

Conversions Part 1

Format	Color
Hex	87B186
RGB	135, 177, 134
RGB Percent	53%, 69%, 53%
CMY	0.4706, 0.3059, 0.4745
CMYK	0.24, 0.00, 0.24, 0.31
HSL	119°, 22%, 61%
HSV	119°, 24%, 69%
XYZ	30.0169, 38.3164, 28.3680
YIQ	159.5400, -11.2290, -22.2770

Conversions

Conversions Part 2

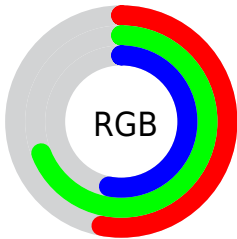
Format	Color
RYB	134, 177, 176
Decimal	8892806
CIELab	68.25, -22.66, 17.53
CIELCh	68, 28.650, 142.285
Yxy	38.3164, 0.3104, 0.3962
Android (android.graphics.Color)	4287082886 (0xFF87B186)
YUV	159.5400, -12.5912, -21.5216
Hunter-Lab	61.9002, -21.7666, 16.1584

Details

The Android color `4287082886` is a light color, and the websafe version is hex `99CC99`. A complement of this color would be `4289758897`, and the grayscale version is `4288716960`.

A 20% lighter version of the original color is `4290636219`, and `4283726932` is the 20% darker color. If you saturate the color by 10%, you get `4285968756`, and if you desaturate by 10%, it is `4288197016`.

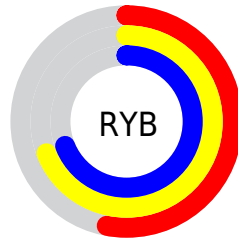
Distribution



Red (53%)

Green (69%)

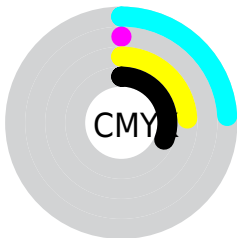
Blue (53%)



Red (53%)

Yellow (69%)

Blue (69%)

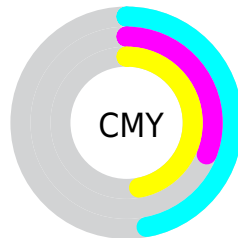


Cyan (24%)

Magenta (0%)

Yellow (24%)

Black (31%)



Cyan (47%)

Magenta (31%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287082886 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 4287082886 by changing the saturation by 10% instead.



4287082886



4287082886

4294967295



4285372013



4290636219



4283726932



4292476887



4282147645



4294377460



4280568615



4278989842



4278198272



4278190080



4287082886



4287082886



4285968756



4288197016

 4284789091

 4289376681

 4283674961

 4290490811

 4282560831

 4291604941

 4281446702

 4292719070

 4280267036

 4293898736

 4279152906

 4294947327

 4278497536

Harmonies

Analogous

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



4289047414



4287082886



4285183135

Triad

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



4287082886



4286295001



4292514964

Complementary

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



4287082886



4289758897

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.



4292187310



4287082886



4288783062

Square

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



4287082886



4284264911



4290877894



4291992190

Rectangle

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



4287082886



4284200368



4290877894



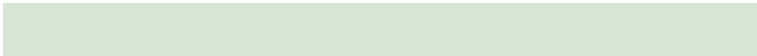
4292514717

Sweetspot

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



4287082886



4292273877



4289835142



4285166442



4294111986



4285756275

Same Dimension

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



4287082886



4288997027



4287017370



4283521360



4278491392



4278262272

Inverse Universe

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



4289758897



4293174246



4289824413



4284043353



4287955097



4279828506

Previews

White Background



This preview shows how the Android color 4287082886 looks on a white background.

Color Contrast Check

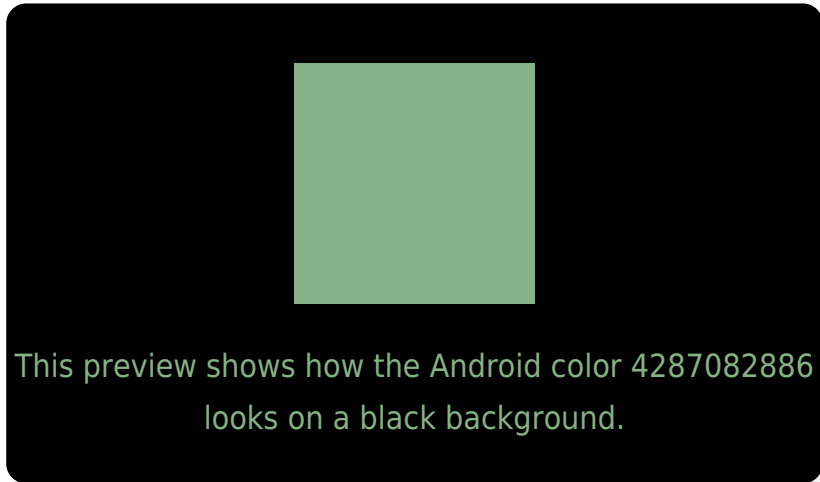
Large Text (above 18pt) WCAG AA × Fail

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

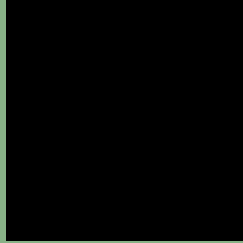
Any Text WCAG AA ✓ Pass

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 4287082886 Background



This preview shows how black text looks on a background with the Android color 4287082886.



This preview shows how white text looks on a background with the Android color 4287082886.

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
4287082886

Protanopia
4289832577

Deuteranopia
4290813834

Trichromacy



Original Color
4287082886

Protanomaly
4288850563

Deuteranomaly
4289439369

Tritanomaly
4287475110

Monochromacy



Original Color
4287082886

Achromatopsia
4288716960

Achromatomaly
4288128663

CSS Examples

Text

The CSS property to change the color of the text to Android 4287082886 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(135, 177, 134)` looks like.

```
.text, #text, p{  
    color:rgb(135, 177, 134)  
}
```

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(135, 177, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 177, 134) }
```

Border

The CSS property to change the border of an element to Android 4287082886 is called "border". The border property can be set on classes, ids or directly on the HTML element.

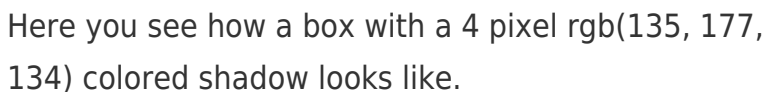
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 177, 134) }
```

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

```
.border{ border-color:rgb(135, 177, 134) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 177, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 177, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 177, 134); box-shadow:4px 4px 4px 4px rgb(135, 177, 134) }
```

Background

The CSS property to change the background color of an element to Android 4287082886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 177, 134) }
```

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

```
.background{ background-color: rgb(135,  
177, 134) }
```

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