

Converting Colors

Android(4286953896)

Have a look what the booklet for
Android(4286953896) contains.

Android(4286953896)	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(4286953896)

Conversions

Conversions Part 1

Format	Color
Hex	85B9A8
RGB	133, 185, 168
RGB Percent	52%, 73%, 66%
CMY	0.4784, 0.2745, 0.3412
CMYK	0.28, 0.00, 0.09, 0.27
HSL	160°, 27%, 62%
HSV	160°, 28%, 73%
XYZ	34.0897, 42.5116, 43.4546
YIQ	167.5140, -25.5350, -16.3110

Conversions

Conversions Part 2

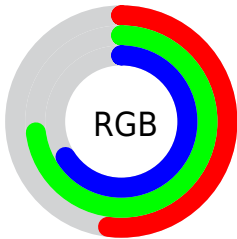
Format	Color
RYB	133, 164, 185
Decimal	8763816
CIELab	71.22, -20.71, 3.13
CIELCh	71, 20.946, 171.397
Yxy	42.5116, 0.2839, 0.3541
Android (android.graphics.Color)	4286953896 (0xFF85B9A8)
YUV	167.5140, 0.2396, -30.2688
Hunter-Lab	65.2009, -20.7746, 6.1255

Details

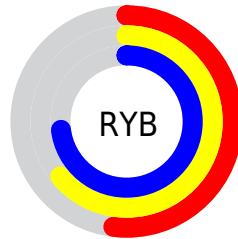
The Android color `4286953896` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4290348438`, and the grayscale version is `4289243304`.

A 20% lighter version of the original color is `4290507231`, and `4283597940` is the 20% darker color. If you saturate the color by 10%, you get `4285774242`, and if you desaturate by 10%, it is `4288199086`.

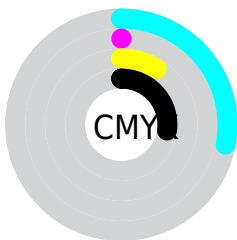
Distribution



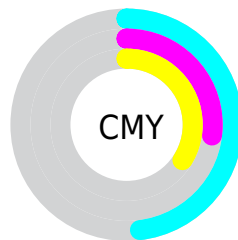
- Red (52%)
- Green (73%)
- Blue (66%)



- Red (52%)
- Yellow (64%)
- Blue (73%)



- Cyan (28%)
- Magenta (0%)
- Yellow (9%)
- Black (27%)



- Cyan (48%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286953896 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 4286953896 by changing the saturation by 10% instead.



4286953896



4286953896

4294967295



4285243022



4290507231



4283597940



4292345852



4281952859



4294246399



4280308292



4278401838



4278199577



4278192128



4278190080



4286953896



4286953896

 4285774242

 4288199086

 4284529052

 4289378740

 4283349398

 4290623930

 4282104208

 4291803584

 4280924554

 4293048774

 4279679364

 4294228428

 4278499710

 4294949330

 4278237565

 4294949336

 4294949342

Harmonies

Analogous

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



4288263830



4286953896



4286233020

Triad

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



4286953896



4289440722



4291863953

Complementary

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



4286953896



4290348438

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.



4292256161



4286953896



4290946502

Square

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



4286953896



4287738580



4291928501



4290947977

Rectangle

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



4286953896



4286298311



4291928501



4292060310

Sweetspot

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



4286953896



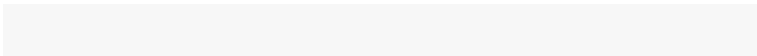
4292735209



4288067973



4285298804



4294440951



4286085240

Same Dimension

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



4286953896



4288606421



4286951609



4283653209



4278230121



4278197267

Inverse Universe

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



4290348438



4293959353



4290350725



4284240726



4288413747



4280025097

Previews

White Background



This preview shows how the Android color 4286953896 looks on a white background.

Color Contrast Check

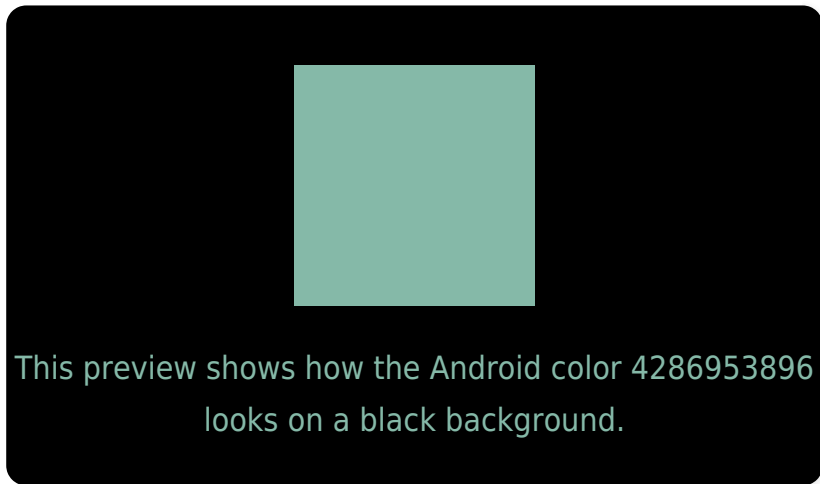
Large Text (above 18pt) WCAG AA × Fail

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 4286953896 Background



This preview shows how black text looks on a background with the Android color 4286953896.



This preview shows how white text looks on a background with the Android color 4286953896.

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
4286953896

Protanomaly
4288917924

Deuteranomaly
4289375915

Tritanomaly
4287215289

Monochromacy



Original Color
4286953896

Achromatopsia
4289243304

Achromatomaly
4288392872

CSS Examples

Text

The CSS property to change the color of the text to Android 4286953896 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(133, 185, 168)` looks like.

```
.text, #text, p{  
    color:rgb(133, 185, 168)  
}
```

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(133, 185, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 185, 168) }
```

Border

The CSS property to change the border of an element to Android 4286953896 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(133, 185, 168) }
```

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

```
.border{ border-color:rgb(133, 185, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 185, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 185, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 185, 168);  
box-shadow:4px 4px 4px 4px rgb(133, 185,  
168) }
```

Background

The CSS property to change the background color of an element to Android 4286953896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 185, 168) }
```

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

```
.background{ background-color: rgb(133,  
185, 168) }
```

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