

Converting Colors

Android(4287230896)

Have a look what the booklet for
Android(4287230896) contains.

Android(4287230896)	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(4287230896)

Conversions

Conversions Part 1

Format	Color
Hex	89F3B0
RGB	137, 243, 176
RGB Percent	54%, 95%, 69%
CMY	0.4627, 0.0471, 0.3098
CMYK	0.44, 0.00, 0.28, 0.05
HSL	142°, 82%, 75%
HSV	142°, 44%, 95%
XYZ	50.2036, 72.5541, 52.4326
YIQ	203.6680, -41.6690, -43.3090

Conversions

Conversions Part 2

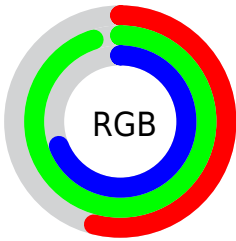
Format	Color
RYB	137, 214, 243
Decimal	9040816
CIELab	88.23, -45.11, 22.95
CIELCh	88, 50.616, 153.035
Yxy	72.5541, 0.2866, 0.4141
Android (android.graphics.Color)	4287230896 (0xFF89F3B0)
YUV	203.6680, -13.6403, -58.4678
Hunter-Lab	85.1787, -43.8564, 23.1285

Details

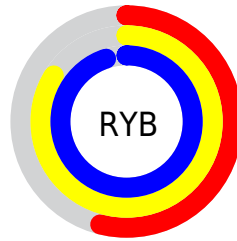
The Android color `4287230896` is a light color, and the websafe version is hex `99FFCC`. A complement of this color would be `4294150604`, and the grayscale version is `4291611852`.

A 20% lighter version of the original color is `4291035112`, and `4283480699` is the 20% darker color. If you saturate the color by 10%, you get `4285658017`, and if you desaturate by 10%, it is `4288803775`.

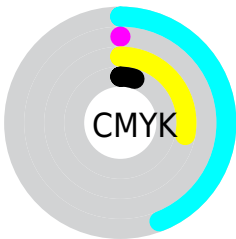
Distribution



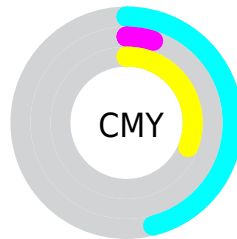
- Red (54%)
- Green (95%)
- Blue (69%)



- Red (54%)
- Yellow (84%)
- Blue (95%)



- Cyan (44%)
- Magenta (0%)
- Yellow (28%)
- Black (5%)



- Cyan (46%)
- Magenta (5%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287230896 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 4287230896 by changing the saturation by 10% instead.

 4287230896

 4287230896

4294967295

 4285388437

 4291035112

 4283480699

 4292935679

 4281442146

4294901759

 4278223946

 4278217267

 4278210844

 4278204677

 4278199040

 4278190080

 4287230896

 4287230896

 4285658017

 4288803775

 4284019601

 4290442191

 4282446722

 4292015070

 4280873843

 4293587949

 4279300963

 4294964221

 4278252377

 4294964223

Harmonies

Analogous

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



4291160714



4287230896



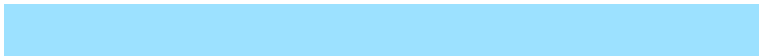
4281726945

Triad

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



4287230896



4288471551



4294950059

Complementary

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



4287230896



4294150604

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.



4294948826



4287230896



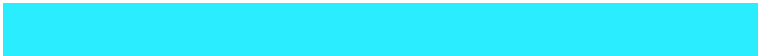
4293513215

Square

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



4287230896



4281003775



4294950655



4294953864

Rectangle

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



4287230896



4278253311



4294950655



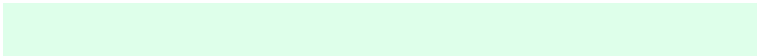
4294949306

Sweetspot

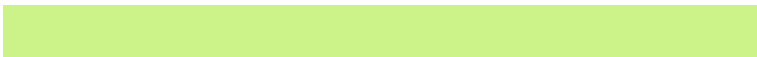
The Sweet Spot groups the original color and five complimentary colors.



4287230896



4292804586



4291621769



4285235315



4278190080



4286611584

Same Dimension

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



4287230896



4286250923



4287230949



4285430387



4278237764



4278205206

Inverse Universe

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



4294150604



4294933198



4294150551



4286213750



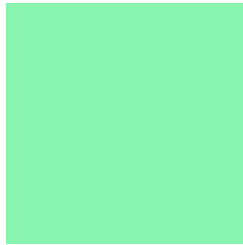
4290379894



4282056741

Previews

White Background



This preview shows how the Android color 4287230896 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



This preview shows how the Android color 4287230896 looks on a 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 4287230896 Background



This preview shows how black text looks on a background with the Android color 4287230896.



This preview shows how white text looks on a background with the Android color 4287230896.

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

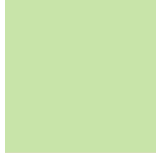


Trichromacy



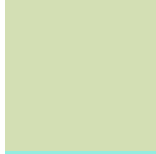
Original Color

4287230896



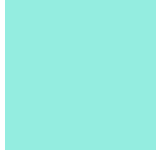
Protanomaly

4291355817



Deuteranomaly

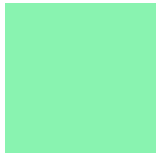
4292075444



Tritanomaly

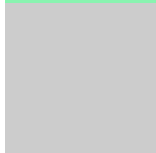
4287950304

Monochromacy



Original Color

4287230896



Achromatopsia

4291611852



Achromatomaly

4290042562

CSS Examples

Text

The CSS property to change the color of the text to Android 4287230896 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(137, 243, 176)` looks like.

```
.text, #text, p{  
    color:rgb(137, 243, 176)  
}
```

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(137, 243, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 243, 176) }
```

Border

The CSS property to change the border of an element to Android 4287230896 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(137, 243, 176) }
```

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

```
.border{ border-color:rgb(137, 243, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 243, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 243, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 243, 176);  
box-shadow:4px 4px 4px 4px rgb(137, 243,  
176) }
```

Background

The CSS property to change the background color of an element to Android 4287230896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 243, 176) }
```

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

```
.background{ background-color: rgb(137,  
243, 176) }
```

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