

# Converting Colors

Android(4287219633)

Have a look what the booklet for  
Android(4287219633) contains.

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# **Color**

**Android(4287219633)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89C7B1
RGB	137, 199, 177
RGB Percent	54%, 78%, 69%
CMY	0.4627, 0.2196, 0.3059
CMYK	0.31, 0.00, 0.11, 0.22
HSL	159°, 36%, 66%
HSV	159°, 31%, 78%
XYZ	38.6758, 49.3395, 49.0800
YIQ	177.9540, -29.8900, -19.9860

# Conversions

## Conversions Part 2

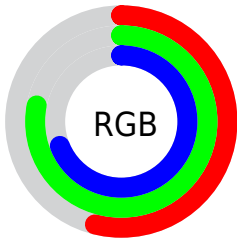
Format	Color
<a href="#">RYB</a>	<a href="#">137, 175, 199</a>
Decimal	<a href="#">9029553</a>
CIELab	<a href="#">75.66, -24.58, 4.69</a>
CIELCh	<a href="#">76, 25.026, 169.198</a>
Yxy	<a href="#">49.3395, 0.2821, 0.3599</a>
Android (android.graphics.Color)	<a href="#">4287219633 (0xFF89C7B1)</a>
YUV	<a href="#">177.9540, -0.4703, -35.9167</a>
Hunter-Lab	<a href="#">70.2421, -24.6404, 7.7420</a>

# Details

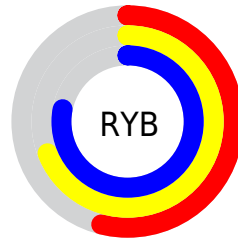
The Android color `4287219633` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4291266975`, and the grayscale version is `4289901234`.

A 20% lighter version of the original color is `4290838505`, and `4283797884` is the 20% darker color. If you saturate the color by 10%, you get `4285908906`, and if you desaturate by 10%, it is `4288530360`.

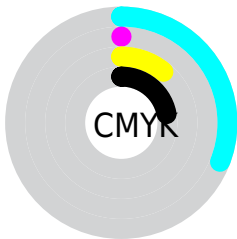
# Distribution



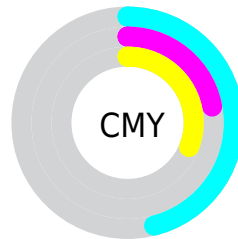
- Red (54%)
- Green (78%)
- Blue (69%)



- Red (54%)
- Yellow (69%)
- Blue (78%)



- Cyan (31%)
- Magenta (0%)
- Yellow (11%)
- Black (22%)



- Cyan (46%)
- Magenta (22%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287219633 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 4287219633 by changing the saturation by 10% instead.





4287219633



4287219633

4294967295



4285443222



4290838505



4283797884



4292673535



4282087268



4294574079



4280376908



4278208053



4278202144



4278197256



4278190080



4287219633



4287219633

 4285908906

 4288530360

 4284598179

 4289841087

 4283287452

 4291151814

 4281976725

 4292462541

 4280731534

 4293773268

 4279420807

 4294952923

 4278241152

 4294952930

 4294952937

 4294952945

# Harmonies

## Analogous

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



4288857244



4287219633



4286171081

# Triad

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



4287219633



4289968102



4293177240

# Complementary

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



4287219633



4291266975

# 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.



4293569196



4287219633



4291866841

# Square

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



4287219633



4287938535



4293110724



4292064909

# Rectangle

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



4287219633



4286170839



4293110724



4293373342

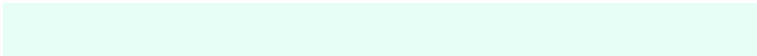


# Sweetspot

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



4287219633



4293459959



4288726921



4285628539



4278190080



4286611584



# Same Dimension

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



4287219633



4288806878



4287217607



4284113760



4278231913



4278199319



# Inverse Universe

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



4291266975



4294943170



4291269001



4284701277



4288872506



4280549389



# Previews

## White Background



This preview shows how the Android color 4287219633 looks on a white background.

## Color Contrast Check

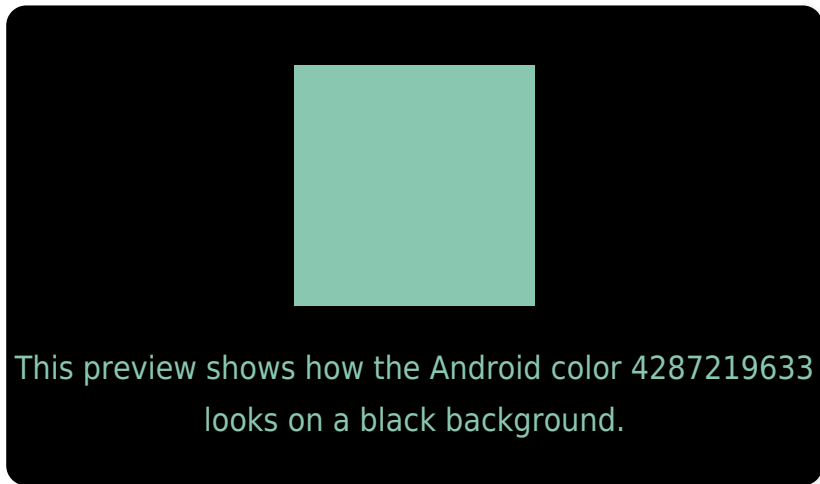
Large Text (above 18pt) WCAG AA × Fail

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 4287219633 Background



This preview shows how black text looks on a background with the Android color 4287219633.

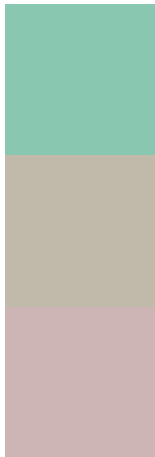


This preview shows how white text looks on a background with the Android color 4287219633.

# 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](#).

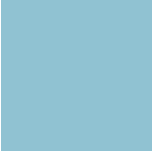
## Dichromacy



**Original Color**  
4287219633

**Protanopia**  
4290886057

**Deuteranopia**  
4291671221



**Tritanopia**  
4287677138

# Trichromacy



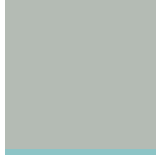
**Original Color**

4287219633



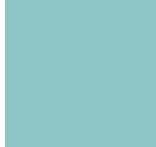
**Protanomaly**

4289576620



**Deuteranomaly**

4290034612



**Tritanomaly**

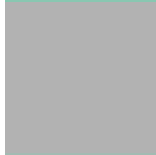
4287481030

# Monochromacy



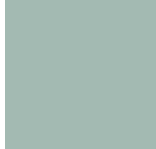
**Original Color**

4287219633



**Achromatopsia**

4289901234



**Achromatomaly**

4288920242

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287219633 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, 199, 177)` looks like.

```
.text, #text, p{  
    color:rgb(137, 199, 177)  
}
```

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, 199, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 199, 177) }
```

## Border

The CSS property to change the border of an element to Android 4287219633 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, 199, 177) }
```

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

```
.border{ border-color:rgb(137, 199, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 199, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 199, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 199, 177);  
box-shadow:4px 4px 4px 4px rgb(137, 199,  
177) }
```

# Background

The CSS property to change the background color of an element to Android 4287219633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 199, 177) }
```

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

```
.background{ background-color: rgb(137,  
199, 177) }
```

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](#).



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