

# Converting Colors

Android(4288341959)

Have a look what the booklet for  
Android(4288341959) contains.

<b>Android(4288341959)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4288341959)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AE7C7
RGB	154, 231, 199
RGB Percent	60%, 91%, 78%
CMY	0.3961, 0.0941, 0.2196
CMYK	0.33, 0.00, 0.14, 0.09
HSL	155°, 62%, 75%
HSV	155°, 33%, 91%
XYZ	52.2111, 68.1454, 64.4344
YIQ	204.3290, -35.6200, -26.2760

# Conversions

## Conversions Part 2

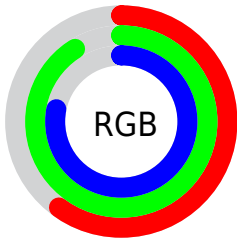
Format	Color
<a href="#">RYB</a>	<a href="#">154, 203, 231</a>
Decimal	<a href="#">10151879</a>
CIELab	<a href="#">86.08, -30.50, 8.09</a>
CIElCh	<a href="#">86, 31.558, 165.154</a>
Yxy	<a href="#">68.1454, 0.2825, 0.3688</a>
Android (android.graphics.Color)	<a href="#">4288341959 (0xFF9AE7C7)</a>
YUV	<a href="#">204.3290, -2.6272, -44.1385</a>
Hunter-Lab	<a href="#">82.5502, -31.5657, 11.5065</a>

# Details

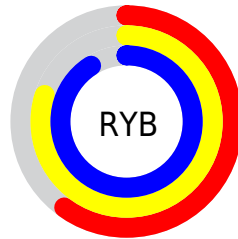
The Android color `4288341959` is a light color, and the websafe version is hex `99FFCC`. A complement of this color would be `4293368506`, and the grayscale version is `4291611852`.

A 20% lighter version of the original color is `4292018175`, and `4284788625` is the 20% darker color. If you saturate the color by 10%, you get `4286834621`, and if you desaturate by 10%, it is `4289849297`.

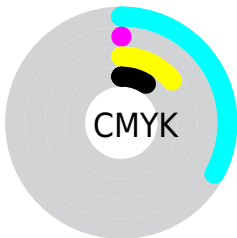
# Distribution



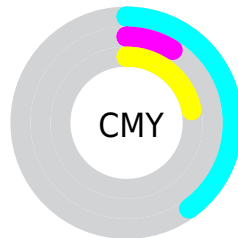
- Red (60%)
- Green (91%)
- Blue (78%)



- Red (60%)
- Yellow (80%)
- Blue (91%)



- Cyan (33%)
- Magenta (0%)
- Yellow (14%)
- Black (9%)



- Cyan (40%)
- Magenta (9%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288341959 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 4288341959 by changing the saturation by 10% instead.



 4288341959

 4288341959

4294967295

 4286565292

 4292018175

 4284788625

 4293918719

 4283012215

 4281236063

 4279001415

 4278208817

 4278202652

 4278197761

 4278190080

 4288341959

 4288341959

 4286834621

 4289849297

 4285327284

 4291356634

 4283819946

 4292863972

 4282312609

 4294371309

 4280739735

 4294961143

 4279232397

 4294961151

 4278249351

# Harmonies

## Analogous

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



4290568876



4288341959



4286703846

# Triad

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



4288341959



4291352063



4294952878

# Complementary

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



4288341959



4293368506

# 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.



4294951625



4288341959



4293905407

# Square

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



4288341959



4288602111



4294951911



4294627486

# Rectangle

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



4288341959



4286441465



4294951911



4294952374



# Sweetspot

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



4288341959



4293328884



4290439066



4285563001



4278190080



4286611584



# Same Dimension

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



4288341959



4288282581



4288340455



4284969838



4278236008



4278203166



# Inverse Universe

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



4293368506



4294941123



4293370010



4285753196



4289921098

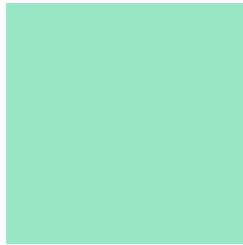


4281532437



# Previews

## White Background



This preview shows how the Android color 4288341959 looks on a white background.

## Color Contrast Check

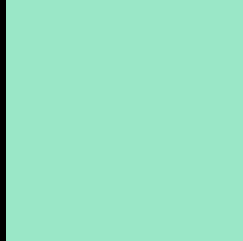
Large Text (above 18pt) WCAG AA × Fail

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 4288341959 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 4288341959 Background



This preview shows how black text looks on a background with the Android color 4288341959.



This preview shows how white text looks on a background with the Android color 4288341959.

# 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



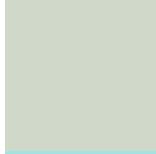
**Original Color**

4288341959



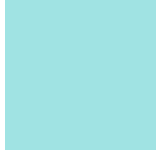
**Protanomaly**

4291288257



**Deuteranomaly**

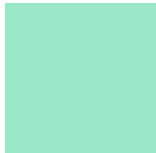
4291877066



**Tritanomaly**

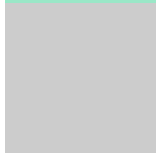
4288734179

# Monochromacy



**Original Color**

4288341959



**Achromatopsia**

4291611852



**Achromatomaly**

4290434762

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288341959 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(154, 231, 199)` looks like.

```
.text, #text, p{  
    color:rgb(154, 231, 199)  
}
```

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(154, 231, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 231, 199) }
```

## Border

The CSS property to change the border of an element to Android 4288341959 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(154, 231, 199) }
```

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

```
.border{ border-color:rgb(154, 231, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 231, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 231, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 231, 199);  
box-shadow:4px 4px 4px 4px rgb(154, 231,  
199) }
```

# Background

The CSS property to change the background color of an element to Android 4288341959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 231, 199) }
```

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

```
.background{ background-color: rgb(154,  
231, 199) }
```

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