

# Converting Colors

Android(4287084994)

Have a look what the booklet for  
Android(4287084994) contains.

<b>Android(4287084994)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4287084994)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	87B9C2
RGB	135, 185, 194
RGB Percent	53%, 73%, 76%
CMY	0.4706, 0.2745, 0.2392
CMYK	0.30, 0.05, 0.00, 0.24
HSL	189°, 33%, 65%
HSV	189°, 30%, 76%
XYZ	37.0782, 43.7439, 57.5281
YIQ	171.0760, -32.6890, -7.8010

# Conversions

## Conversions Part 2

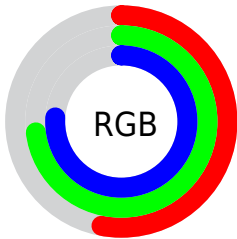
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 162, 194
Decimal	8894914
CIE <sub>Lab</sub>	72.06, -14.22, -9.86
CIE <sub>LCh</sub>	72, 17.302, 214.752
Yxy	43.7439, 0.2680, 0.3162
Android (android.graphics.Color)	4287084994 (0xFF87B9C2)
YUV	171.0760, 11.3015, -31.6387
Hunter-Lab	66.1391, -15.6747, -5.2733

# Details

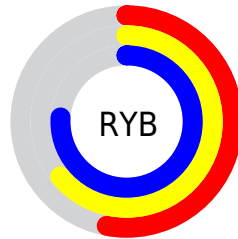
The Android color `4287084994` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4290941063`, and the grayscale version is `4289440683`.

A 20% lighter version of the original color is `4290703866`, and `4283663500` is the 20% darker color. If you saturate the color by 10%, you get `4285839042`, and if you desaturate by 10%, it is `4288330946`.

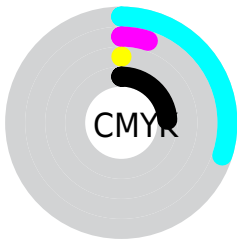
# Distribution



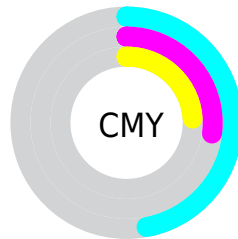
- Red (53%)
- Green (73%)
- Blue (76%)



- Red (53%)
- Yellow (64%)
- Blue (76%)



- Cyan (30%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)



- Cyan (47%)
- Magenta (27%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287084994 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 4287084994 by changing the saturation by 10% instead.





4287084994



4287084994

4294967295



4285374119



4290703866



4283663500



4292542463



4281953139



4294443007



4280242778



4278205251



4278199597



4278193945



4278190080



4287084994



4287084994

■ 4285839042

■ 4288330946

■ 4284527554

■ 4289642434

■ 4283281602

■ 4290888386

■ 4281970114

■ 4292199874

■ 4280724162

■ 4293445826

■ 4279478210

■ 4294691778

■ 4278232258

■ 4294954690

■ 4294955458

■ 4294956226

# Harmonies

## Analogous

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



4287281843



4287084994



4287674061

# Triad

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



4287084994



4291340222



4290490513

# Complementary

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



4287084994



4290941063

# 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.



4291406741



4287084994



4291929775

# Square

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



4287084994



4290227403



4291930015



4289312150

# Rectangle

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



4287084994



4288459728



4291930015



4290817937

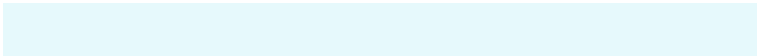


# Sweetspot

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



4287084994



4293327356



4287087248



4285627776



4278190080



4286611584

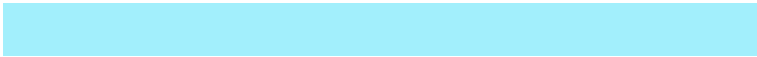


# Same Dimension

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



4287084994



4288868348



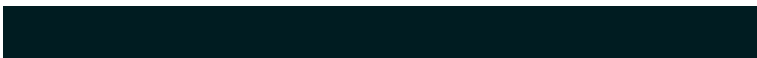
4287077570



4283916129



4278225057



4278197281



# Inverse Universe

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



4290938809



4294746863



4290948487



4284569439



4288741512

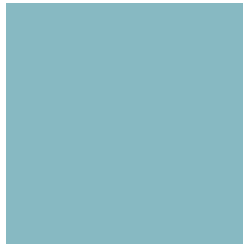


4280352796



# Previews

## White Background



This preview shows how the Android color 4287084994 looks on a white background.

## Color Contrast Check

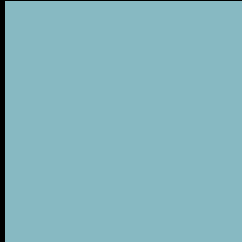
Large Text (above 18pt) WCAG AA × Fail

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 4287084994 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 4287084994 Background



This preview shows how black text looks on a background with the Android color 4287084994.



This preview shows how white text looks on a background with the Android color 4287084994.

# 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



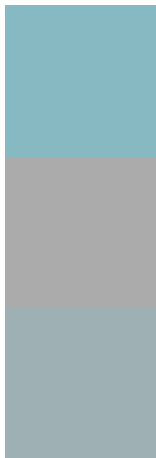
**Original Color**  
4287084994

**Protanomaly**  
4288787390

**Deuteranomaly**  
4289114308

**Tritanomaly**  
4287150277

# Monochromacy



**Original Color**  
4287084994

**Achromatopsia**  
4289440683

**Achromatomaly**  
4288590003

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287084994 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, 185, 194)` looks like.

```
.text, #text, p{  
    color:rgb(135, 185, 194)  
}
```

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, 185, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 185, 194) }
```

## Border

The CSS property to change the border of an element to Android 4287084994 is called "border". The border property can be set on classes, ids or directly on the HTML element.

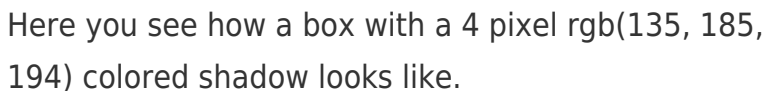
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 185, 194) }
```

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

```
.border{ border-color:rgb(135, 185, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 185, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 185, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 185, 194); box-shadow:4px 4px 4px 4px rgb(135, 185, 194) }
```

# Background

The CSS property to change the background color of an element to Android 4287084994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 185, 194) }
```

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

```
.background{ background-color: rgb(135,  
185, 194) }
```

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