

# Converting Colors

Android(4287741124)

Have a look what the booklet for  
Android(4287741124) contains.

<b>Android(4287741124)</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(4287741124)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	91BCC4
RGB	145, 188, 196
RGB Percent	57%, 74%, 77%
CMY	0.4314, 0.2627, 0.2314
CMYK	0.26, 0.04, 0.00, 0.23
HSL	189°, 30%, 67%
HSV	189°, 26%, 77%
XYZ	39.6241, 45.9717, 59.0096
YIQ	176.0550, -28.1960, -6.6280

# Conversions

## Conversions Part 2

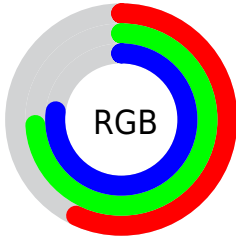
<b>Format</b>	<b>Color</b>
<b>RYB</b>	145, 168, 196
Decimal	9551044
CIELab	73.53, -12.38, -8.70
CIELCh	74, 15.130, 215.119
Yxy	45.9717, 0.2740, 0.3179
Android (android.graphics.Color)	4287741124 (0xFF91BCC4)
YUV	176.0550, 9.8329, -27.2352
Hunter-Lab	67.8024, -14.3380, -4.1393

# Details

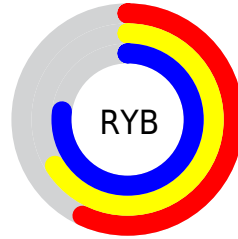
The Android color `4287741124` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4291074449`, and the grayscale version is `4289769648`.

A 20% lighter version of the original color is `4291359997`, and `4284319630` is the 20% darker color. If you saturate the color by 10%, you get `4286429636`, and if you desaturate by 10%, it is `4289052612`.

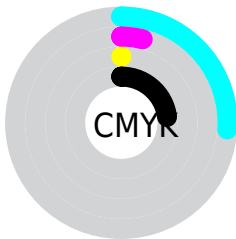
# Distribution



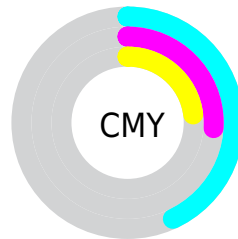
- Red (57%)
- Green (74%)
- Blue (77%)



- Red (57%)
- Yellow (66%)
- Blue (77%)



- Cyan (26%)
- Magenta (4%)
- Yellow (0%)
- Black (23%)



- Cyan (43%)
- Magenta (26%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287741124 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 4287741124 by changing the saturation by 10% instead.



 4287741124

 4287741124

4294967295

 4286030249

 4291359997

 4284319630

 4293197823

 4282674549

 4281029980

 4279320133


















 4278200366

 4278195226

 4278190080

 4287741124

 4287741124

 4286429636	 4289052612
 4285183684	 4290298564
 4283872196	 4291610052
 4282626244	 4292856004
 4281314756	 4294167492
 4280003268	 4294954692
 4278757060	 4294955716
 4278232516	 4294956484
	 4294957252

# Harmonies

## Analogous

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



4287872439



4287741124



4288264653

# Triad

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



4287741124



4291407297



4290622617

# Complementary

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



4287741124



4291074449

# 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.



4291473564



4287741124



4291931059

# Square

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



4287741124



4290425035



4291931301



4289640862

# Rectangle

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



4287741124



4288919504



4291931301



4290950041

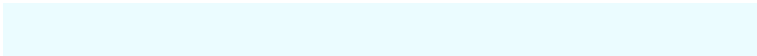


# Sweetspot

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



4287741124



4293655807



4287743129



4285759104



4278190080



4286611584

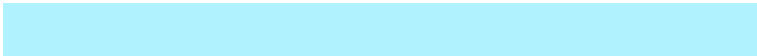


# Same Dimension

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



4287741124



4289786879



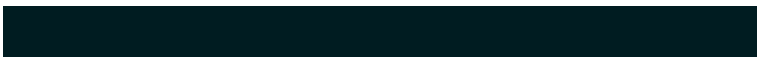
4287734724



4283916129



4278224801



4278197281



# Inverse Universe

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



4291072444



4294947059



4291080849



4284569439



4288741511

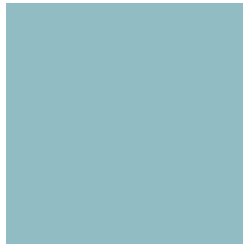


4280352796



# Previews

## White Background



This preview shows how the Android color 4287741124 looks on a white background.

## Color Contrast Check

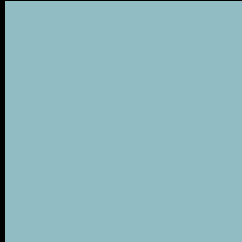
Large Text (above 18pt) WCAG AA × Fail

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 4287741124 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

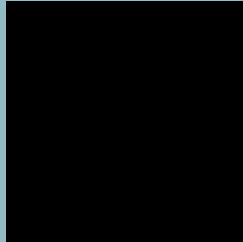
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4287741124 Background



This preview shows how black text looks on a background with the Android color 4287741124.



This preview shows how white text looks on a background with the Android color 4287741124.

# 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



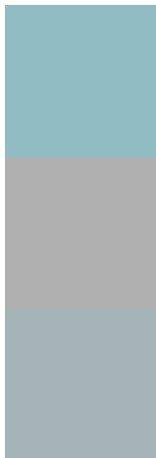
**Original Color**  
4287741124

**Protanomaly**  
4289181376

**Deuteranomaly**  
4289574086

**Tritanomaly**  
4287806408

# Monochromacy



**Original Color**  
4287741124

**Achromatopsia**  
4289769648

**Achromatomaly**  
4289049783

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287741124 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(145, 188, 196)` looks like.

```
.text, #text, p{  
    color:rgb(145, 188, 196)  
}
```

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(145, 188, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 188, 196) }
```

## Border

The CSS property to change the border of an element to Android 4287741124 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(145, 188, 196) }
```

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

```
.border{ border-color:rgb(145, 188, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 188, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 188, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 188, 196);  
box-shadow:4px 4px 4px 4px rgb(145, 188,  
196) }
```

# Background

The CSS property to change the background color of an element to Android 4287741124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 188, 196) }
```

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

```
.background{ background-color: rgb(145,  
188, 196) }
```

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