

# Converting Colors

Android(4280072134)

Have a look what the booklet for  
Android(4280072134) contains.

<b>Android(4280072134)</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(4280072134)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1CB7C6
RGB	28, 183, 198
RGB Percent	11%, 72%, 78%
CMY	0.8902, 0.2824, 0.2235
CMYK	0.86, 0.08, 0.00, 0.22
HSL	185°, 75%, 44%
HSV	185°, 86%, 78%
XYZ	27.6054, 38.1911, 59.3427
YIQ	138.3650, -97.1950, -28.1950

# Conversions

## Conversions Part 2

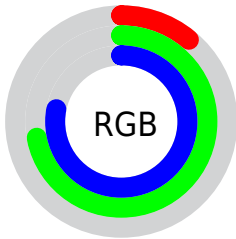
Format	Color
R <sub>Y</sub> B	28, 109, 198
Decimal	1882054
CIE Lab	68.16, -31.64, -18.26
CIE LCh	68, 36.533, 209.992
Yxy	38.1911, 0.2206, 0.3052
Android (android.graphics.Color)	4280072134 (0xFF1CB7C6)
YUV	138.3650, 29.4001, -96.7901
Hunter-Lab	61.7989, -28.4126, -13.6743

# Details

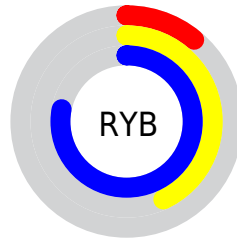
The Android color `4280072134` is a dark color, and the websafe version is hex `33CCCC`. The color can be described as middle washed azure. A complement of this color would be `4291177244`, and the grayscale version is `4287269514`.

A 20% lighter version of the original color is `4285394943`, and `4278223248` is the 20% darker color. If you saturate the color by 10%, you get `4278760902`, and if you desaturate by 10%, it is `4281383366`.

# Distribution



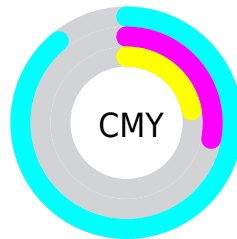
- Red (11%)
- Green (72%)
- Blue (78%)



- Red (11%)
- Yellow (43%)
- Blue (78%)



- Cyan (86%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)



- Cyan (89%)
- Magenta (28%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280072134 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 4280072134 by changing the saturation by 10% instead.



 4280072134

 4280072134

4294967295

 4278230187

 4285394943

 4278223248

 4287496191

 4278216823

 4289462271

 4278210398

 4291493887

 4278204486

 4293525503

 4278199344

 4278190363

 4278190080

 4280072134

 4280072134

■ 4278760902

■ 4281383366

■ 4278236614

■ 4282694342

■ 4283940038

■ 4285251270

■ 4286562502

■ 4287873478

■ 4289184710

■ 4290430406

■ 4291741638

# Harmonies

## Analogous

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



4282824869



4280072134



4282168030

# Triad

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



4280072134



4291859144



4290552932

# Complementary

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



4280072134



4291177244

# 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.



4292319598



4280072134



4293168551

# Square

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



4280072134



4289371871



4293234567



4288327276

# Rectangle

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



4280072134



4284722663



4293234567



4291207269



# Sweetspot

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



4280072134



4290640383



4280075818



4283989120



4278190080



4286611584



# Same Dimension

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



4280072134



4278249727



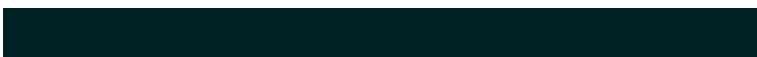
4280050630



4284113763



4278228387



4278198564



# Inverse Universe

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



4291173559



4294901993



4291198748



4284701283



4288872597

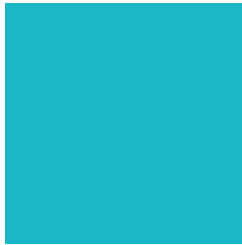


4280549409



# Previews

## White Background



This preview shows how the Android color 4280072134 looks on a white background.

## Color Contrast Check

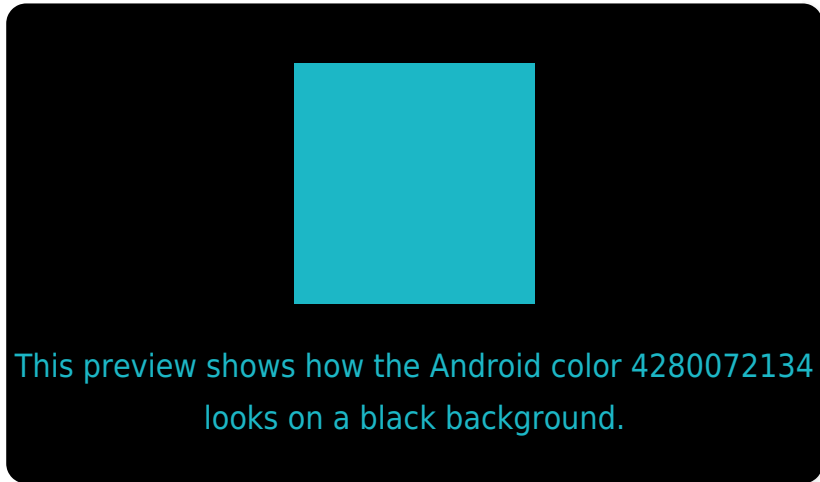
Large Text (above 18pt) WCAG AA × Fail

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

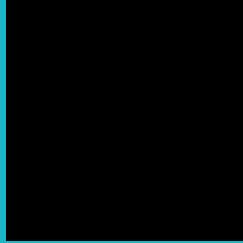
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4280072134 Background



This preview shows how black text looks on a background with the Android color 4280072134.

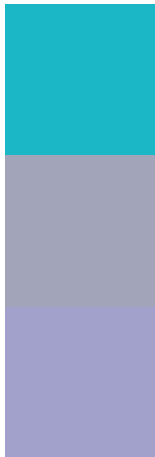


This preview shows how white text looks on a background with the Android color 4280072134.

# 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**  
4280072134

**Protanopia**  
4288849081

**Deuteranopia**  
4288848331



# Trichromacy



**Original Color**

4280072134



**Protanomaly**

4285639614



**Deuteranomaly**

4285639113



**Tritanomaly**

4280072134

# Monochromacy



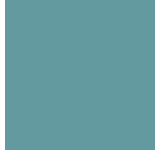
**Original Color**

4280072134



**Achromatopsia**

4287269514



**Achromatomaly**

4284652192

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280072134 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(28, 183, 198)` looks like.

```
.text, #text, p{  
    color:rgb(28, 183, 198)  
}
```

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(28, 183, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 183, 198) }
```

## Border

The CSS property to change the border of an element to Android 4280072134 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(28, 183, 198) }
```

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

```
.border{ border-color:rgb(28, 183, 198) }
```

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

Here you see how a box with a 4 pixel rgb(28, 183, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 183, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 183, 198);  
box-shadow:4px 4px 4px 4px rgb(28, 183,  
198) }
```

# Background

The CSS property to change the background color of an element to Android 4280072134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 183, 198) }
```

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

```
.background{ background-color: rgb(28, 183,  
198) }
```

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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