

Converting Colors

Android(4278247134)

Have a look what the booklet for
Android(4278247134) contains.

Android(4278247134)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278247134)

Conversions

Conversions Part 1

Format	Color
Hex	00DEDE
RGB	0, 222, 222
RGB Percent	0%, 87%, 87%
CMY	1.0000, 0.1294, 0.1294
CMYK	1.00, 0.00, 0.00, 0.13
HSL	180°, 100%, 44%
HSV	180°, 100%, 87%
XYZ	39.3061, 57.5165, 78.1374
YIQ	155.6220, -132.3120, -47.0640

Conversions

Conversions Part 2

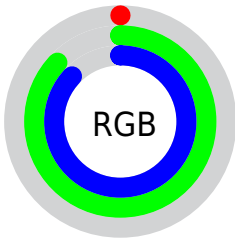
Format	Color
RYB	0, 111, 222
Decimal	57054
CIELab	80.47, -43.30, -12.73
CIELCh	80, 45.134, 196.386
Yxy	57.5165, 0.2247, 0.3287
Android (android.graphics.Color)	4278247134 (0xFF00DEDE)
YUV	155.6220, 32.7244, -136.4805
Hunter-Lab	75.8396, -40.2065, -7.9986

Details

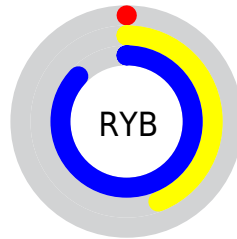
The Android color **4278247134** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **4292739072**, and the grayscale version is **4288387995**.

A 20% lighter version of the original color is **4285595647**, and **4278232743** is the 20% darker color. If you saturate the color by 10%, you get **4278247134**, and if you desaturate by 10%, it is **4279688926**.

Distribution



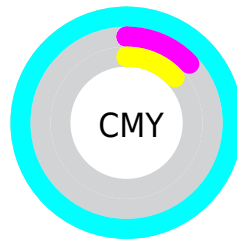
- Red (0%)
- Green (87%)
- Blue (87%)



- Red (0%)
- Yellow (44%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278247134 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 4278247134 by changing the saturation by 10% instead.

 4278247134

 4278247134

4294967295

 4278239938

 4285595647

 4278232743

 4287823871

 4278225805

 4289986559

 4278219123

 4292083711

 4278212699

 4294115327

 4278206275

 4278200877

 4278191385

 4278190080

 4278247134

 4279688926

 4281130718

 4282638046


 4284079838

 4285521630

 4286963422

 4288405214

 4289912542

 4291354334

Harmonies

Analogous

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



4284800434



4278247134



4278246143

Triad

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



4278247134



4293506303



4294229622

Complementary

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



4278247134



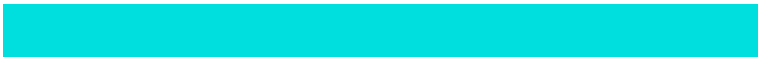
4292739072

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.



4294946956



4278247134



4294945245

Square

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



4278247134



4289709311



4294944690



4291611765

Rectangle

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



4278247134



4282701311



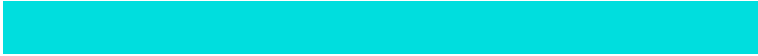
4294944690



4294949499

Sweetspot

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



4278247134



4289986559



4278246912



4283596928



4278190080



4286611584

Same Dimension

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



4278247134



4278255615



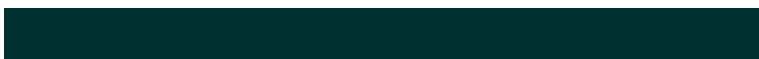
4278218718



4284838000



4278235312



4278202416

Inverse Universe

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



4292739294



4294902015



4292767488



4285556080



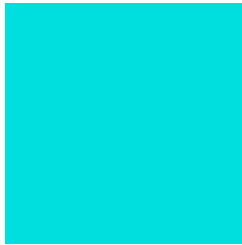
4289724592



4281335856

Previews

White Background



This preview shows how the Android color 4278247134 looks on a white background.

Color Contrast Check

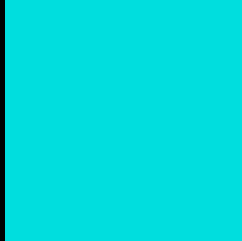
Large Text (above 18pt) WCAG AA × Fail

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 4278247134 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

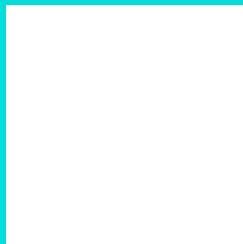
Any Text WCAG AAA ✓ Pass

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

Android 4278247134 Background



This preview shows how black text looks on a background with the Android color 4278247134.

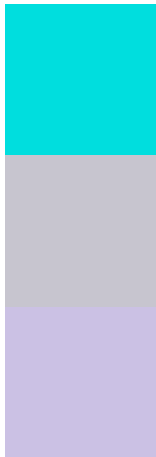


This preview shows how white text looks on a background with the Android color 4278247134.

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](#).

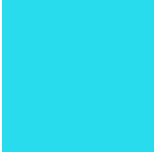
Dichromacy



Original Color
4278247134

Protanopia
4291282383

Deuteranopia
4291543524



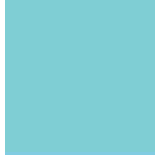
Tritanopia
4280868077

Trichromacy



Original Color

4278247134



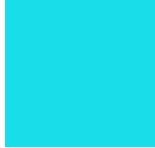
Protanomaly

4286566100



Deuteranomaly

4286696674



Tritanomaly

4279885288

Monochromacy



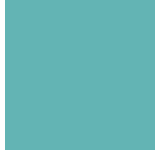
Original Color

4278247134



Achromatopsia

4288453788



Achromatomaly

4284724404

CSS Examples

Text

The CSS property to change the color of the text to Android 4278247134 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(0, 222, 222)` looks like.

```
.text, #text, p{  
    color:rgb(0, 222, 222)  
}
```

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(0, 222, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 222, 222) }
```

Border

The CSS property to change the border of an element to Android 4278247134 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(0, 222, 222) }
```

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

```
.border{ border-color:rgb(0, 222, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 222, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 222, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 222, 222); box-shadow:4px 4px 4px 4px rgb(0, 222, 222) }
```

Background

The CSS property to change the background color of an element to Android 4278247134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 222, 222) }
```

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

```
.background{ background-color: rgb(0, 222,  
222) }
```

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