

Converting Colors

Android(4278246082)

Have a look what the booklet for
Android(4278246082) contains.

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Color

Android(4278246082)

Conversions

Conversions Part 1

Format	Color
Hex	00DAC2
RGB	0, 218, 194
RGB Percent	0%, 85%, 76%
CMY	1.0000, 0.1451, 0.2392
CMYK	1.00, 0.00, 0.11, 0.15
HSL	173°, 100%, 43%
HSV	173°, 100%, 85%
XYZ	34.8090, 54.0378, 59.6347
YIQ	150.0820, -122.2240, -53.6800

Conversions

Conversions Part 2

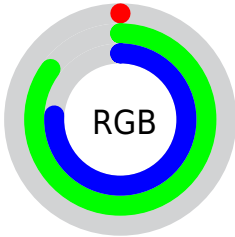
Format	Color
RYB	0, 115, 218
Decimal	56002
CIELab	78.48, -49.53, -0.73
CIELCh	78, 49.534, 180.847
Yxy	54.0378, 0.2344, 0.3639
Android (android.graphics.Color)	4278246082 (0xFF00DAC2)
YUV	150.0820, 21.6516, -131.6219
Hunter-Lab	73.5104, -44.1191, 3.3588

Details

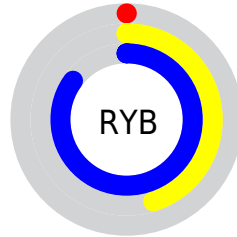
The Android color **4278246082** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **4292476952**, and the grayscale version is **4288059030**.

A 20% lighter version of the original color is **4285333498**, and **4278231693** is the 20% darker color. If you saturate the color by 10%, you get **4278246082**, and if you desaturate by 10%, it is **4279687876**.

Distribution



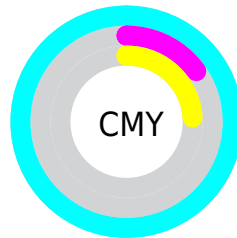
- Red (0%)
- Green (85%)
- Blue (76%)



- Red (0%)
- Yellow (45%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (15%)



- Cyan (100%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278246082 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 4278246082 by changing the saturation by 10% instead.

 4278246082

 4278246082

4294967295

 4278238887

 4285333498


 4278231693

 4287561727

 4278224755

 4289658879

 4278218075

 4291690495

 4278211395

 4293787647


 4278205229

 4278199577

 4278190080

 4278246082

 4279687876

 4281129671

 4282505929

 4283947724

 4285389518

 4286831312

 4288273107

 4289649365

 4291091160

Harmonies

Analogous

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



4285912724



4278246082



4278245872

Triad

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



4278246082



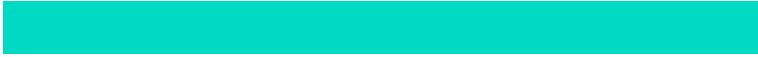
4291344127



4294946931

Complementary

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



4278246082



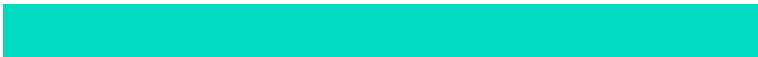
4292476952

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.



4294943125



4278246082



4294813168

Square

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



4278246082



4286170879



4294942147



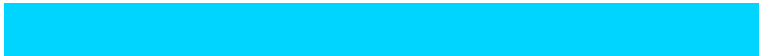
4292722788

Rectangle

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



4278246082



4278244863



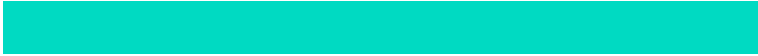
4294942147



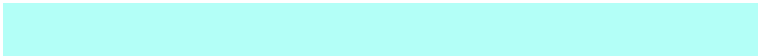
4294945404

Sweetspot

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



4278246082



4289986551



4279884288



4283596922



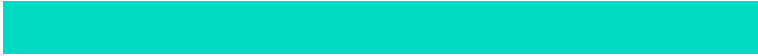
4278190080



4286611584

Same Dimension

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



4278246082



4278255587



4278224602



4284706412



4278234522



4278201897

Inverse Universe

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



4292476952



4294901788



4292498432



4285424484



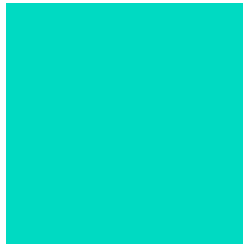
4289527827



4281204741

Previews

White Background



This preview shows how the Android color 4278246082 looks on a white background.

Color Contrast Check

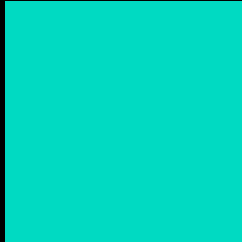
Large Text (above 18pt) WCAG AA × Fail

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 4278246082 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

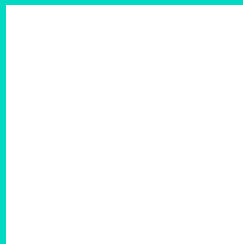
Any Text WCAG AAA ✓ Pass

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

Android 4278246082 Background



This preview shows how black text looks on a background with the Android color 4278246082.

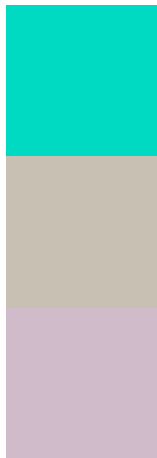


This preview shows how white text looks on a background with the Android color 4278246082.

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](#).

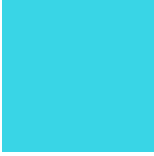
Dichromacy



Original Color
4278246082

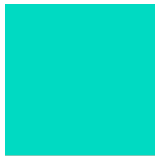
Protanopia
4291281075

Deuteranopia
4291804105



Tritanopia
4281980390

Trichromacy



Original Color

4278246082



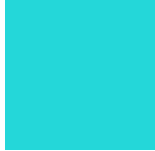
Protanomaly

4286564792



Deuteranomaly

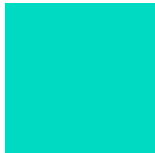
4286891718



Tritanomaly

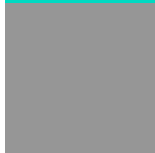
4280604633

Monochromacy



Original Color

4278246082



Achromatopsia

4288059030



Achromatomaly

4284460966

CSS Examples

Text

The CSS property to change the color of the text to Android 4278246082 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, 218, 194)` looks like.

```
.text, #text, p{  
    color:rgb(0, 218, 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(0, 218, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 218, 194) }
```

Border

The CSS property to change the border of an element to Android 4278246082 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, 218, 194) }
```

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

```
.border{ border-color:rgb(0, 218, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 218, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 218, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 218, 194);  
box-shadow:4px 4px 4px 4px rgb(0, 218,  
194) }
```

Background

The CSS property to change the background color of an element to Android 4278246082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 218, 194) }
```

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

```
.background{ background-color: rgb(0, 218,  
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](#).

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