

Converting Colors

Android(4278242018)

Have a look what the booklet for
Android(4278242018) contains.

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Color

Android(4278242018)

Conversions

Conversions Part 1

Format	Color
Hex	00CAE2
RGB	0, 202, 226
RGB Percent	0%, 79%, 89%
CMY	1.0000, 0.2078, 0.1137
CMYK	1.00, 0.11, 0.00, 0.11
HSL	186°, 100%, 44%
HSV	186°, 100%, 89%
XYZ	34.8480, 47.7320, 79.3280
YIQ	144.3380, -128.0960, -35.3600

Conversions

Conversions Part 2

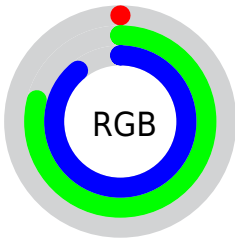
Format	Color
RYB	0, 107, 226
Decimal	51938
CIELab	74.66, -32.89, -23.66
CIELCh	75, 40.520, 215.728
Yxy	47.7320, 0.2152, 0.2948
Android (android.graphics.Color)	4278242018 (0xFF00CAE2)
YUV	144.3380, 40.2594, -126.5844
Hunter-Lab	69.0884, -30.8697, -19.7156

Details

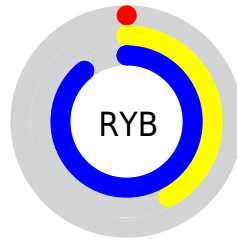
The Android color **4278242018** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **4293007360**, and the grayscale version is **4287664272**.

A 20% lighter version of the original color is **4285399039**, and **4278227883** is the 20% darker color. If you saturate the color by 10%, you get **4278242018**, and if you desaturate by 10%, it is **4279749858**.

Distribution



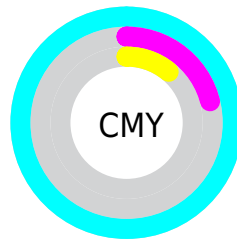
- Red (0%)
- Green (79%)
- Blue (89%)



- Red (0%)
- Yellow (42%)
- Blue (89%)



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



- Cyan (100%)
- Magenta (21%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color #4278242018 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 #4278242018 by changing the saturation by 10% instead.

 4278242018

 4278242018

4294967295

 4278234822

 4285399039

 4278227883

 4287627263

 4278221200

 4289724415

 4278214774

 4291821567

 4278208606

 4293918719

 4278202438

 4278197039

 4278190363

 4278190080

■ 4278242018

■ 4279749858

■ 4281192418

■ 4282700258

■ 4284142818

■ 4285650658

■ 4287158498

■ 4288601058

■ 4290108898

■ 4291551458

Harmonies

Analogous

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



4282240190



4278242018



4283024635

Triad

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



4278242018



4293763031



4291410029

Complementary

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



4278242018



4293007360

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.



4293503860



4278242018



4294941362

Square

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



4278242018



4291144692



4294811534



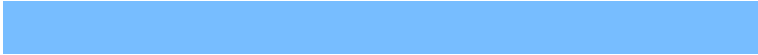
4288791162

Rectangle

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



4278242018



4286037503



4294811534



4292195437

Sweetspot

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



4278242018



4289984511



4278247959



4283595648



4278190080



4286611584

Same Dimension

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



4278242018



4278248703



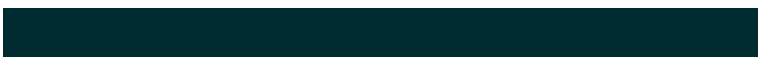
4278213346



4284837744



4278230448



4278201136

Inverse Universe

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



4293001418



4294901988



4293036032



4285556079



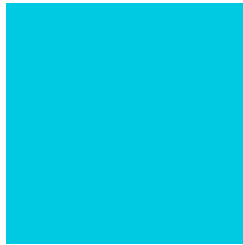
4289724573



4281335851

Previews

White Background



This preview shows how the Android color 4278242018 looks on a white background.

Color Contrast Check

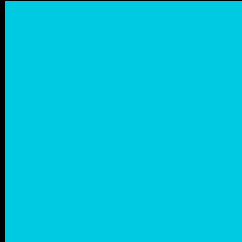
Large Text (above 18pt) WCAG AA × Fail

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 4278242018 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 4278242018 Background



This preview shows how black text looks on a background with the Android color 4278242018.



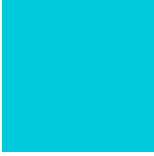
This preview shows how white text looks on a background with the Android color 4278242018.

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



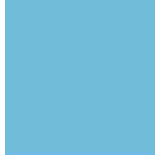


Tritanopia
4278242267

Trichromacy



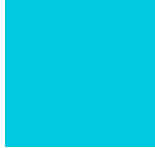
Original Color
4278242018



Protanomaly
4285644249



Deuteranomaly
4285512677



Tritanomaly
4278242270

Monochromacy



Original Color
4278242018



Achromatopsia
4287664272



Achromatomaly
4284261806

CSS Examples

Text

The CSS property to change the color of the text to Android 4278242018 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, 202, 226)` looks like.

```
.text, #text, p{  
    color:rgb(0, 202, 226)  
}
```

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, 202, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 202, 226) }
```

Border

The CSS property to change the border of an element to Android 4278242018 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, 202, 226) }
```

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

```
.border{ border-color:rgb(0, 202, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 202, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 202, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 202, 226);  
box-shadow:4px 4px 4px 4px rgb(0, 202,  
226) }
```

Background

The CSS property to change the background color of an element to Android 4278242018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 202, 226) }
```

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

```
.background{ background-color: rgb(0, 202,  
226) }
```

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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