

Converting Colors

Android(4280475073)

Have a look what the booklet for
Android(4280475073) contains.

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Color

Android(4280475073)

Conversions

Conversions Part 1

Format	Color
Hex	22DDC1
RGB	34, 221, 193
RGB Percent	13%, 87%, 76%
CMY	0.8667, 0.1333, 0.2431
CMYK	0.85, 0.00, 0.13, 0.13
HSL	171°, 73%, 50%
HSV	171°, 85%, 87%
XYZ	36.1418, 55.9032, 59.3376
YIQ	161.8950, -102.4640, -48.3520

Conversions

Conversions Part 2

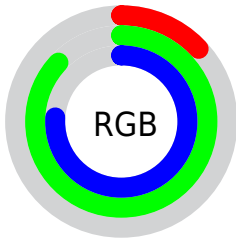
Format	Color
RYB	34, 135, 221
Decimal	2284993
CIELab	79.56, -49.65, 1.39
CIELCh	80, 49.673, 178.392
Yxy	55.9032, 0.2387, 0.3693
Android (android.graphics.Color)	4280475073 (0xFF22DDC1)
YUV	161.8950, 15.3348, -112.1639
Hunter-Lab	74.7685, -44.5610, 5.2843

Details

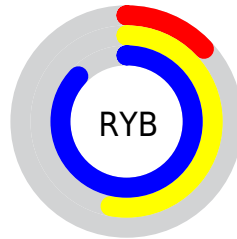
The Android color `4280475073` is a light color, and the websafe version is hex `33CC99`. The color can be described as light washed cyan. A complement of this color would be `4292682302`, and the grayscale version is `4288848546`.

A 20% lighter version of the original color is `4285923321`, and `4278232460` is the 20% darker color. If you saturate the color by 10%, you get `4279033278`, and if you desaturate by 10%, it is `4281916868`.

Distribution



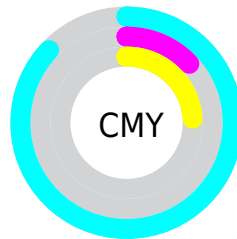
- Red (13%)
- Green (87%)
- Blue (76%)



- Red (13%)
- Yellow (53%)
- Blue (87%)



- Cyan (85%)
- Magenta (0%)
- Yellow (13%)
- Black (13%)



- Cyan (87%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280475073 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 4280475073 by changing the saturation by 10% instead.

 4280475073

 4280475073

4294967295

 4278239654

 4285923321

 4278232460

 4288020479

 4278225522

 4290117631

 4278218586

 4292149247

 4278212162

 4294246399

 4278205740

 4278200088

 4278190080

 4280475073

 4280475073

■ 4279033278

■ 4281916868

■ 4278246844

■ 4283358664

■ 4284800459

■ 4286242254

■ 4287749586

■ 4289191381

■ 4290633176

■ 4292074971

■ 4293516767

Harmonies

Analogous

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



4286437779



4280475073



4278246640

Triad

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



4280475073



4291148543



4294947191

Complementary

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



4280475073



4292682302

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.



4294943644



4280475073



4294814198

Square

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



4280475073



4285844479



4294942922



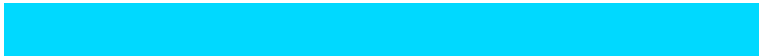
4293182055

Rectangle

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



4280475073



4278245887



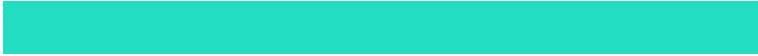
4294942922



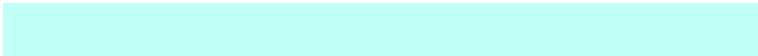
4294945922

Sweetspot

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



4280475073



4290772981



4282309922



4284055674



4278190080



4286611584

Same Dimension

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



4280475073



4278255577



4280458461



4284706412



4278234515



4278201895

Inverse Universe

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



4292682302



4294901798



4292698914



4285424484



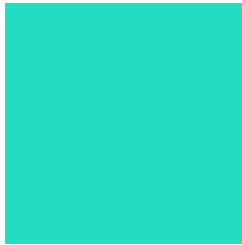
4289527834



4281204743

Previews

White Background



This preview shows how the Android color 4280475073 looks on a white background.

Color Contrast Check

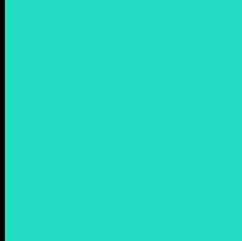
Large Text (above 18pt) WCAG AA × Fail

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 4280475073 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

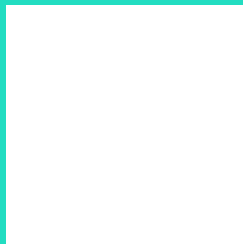
Any Text WCAG AAA ✓ Pass

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

Android 4280475073 Background



This preview shows how black text looks on a background with the Android color 4280475073.



This preview shows how white text looks on a background with the Android color 4280475073.

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

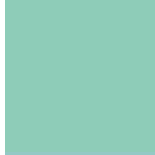


Trichromacy



Original Color

4280475073



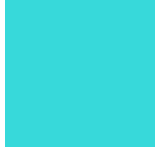
Protanomaly

4287548600



Deuteranomaly

4287875525



Tritanomaly

4281850330

Monochromacy



Original Color

4280475073



Achromatopsia

4288848546



Achromatomaly

4285773741

CSS Examples

Text

The CSS property to change the color of the text to Android 4280475073 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(34, 221, 193)` looks like.

```
.text, #text, p{  
    color:rgb(34, 221, 193)  
}
```

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(34, 221, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 221, 193) }
```

Border

The CSS property to change the border of an element to Android 4280475073 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(34, 221, 193) }
```

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

```
.border{ border-color:rgb(34, 221, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 221, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 221, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 221, 193);  
box-shadow:4px 4px 4px 4px rgb(34, 221,  
193) }
```

Background

The CSS property to change the background color of an element to Android 4280475073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 221, 193) }
```

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

```
.background{ background-color: rgb(34, 221,  
193) }
```

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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