

Converting Colors

Android(4278230433)

Have a look what the booklet for
Android(4278230433) contains.

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Color

Android(4278230433)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 009DA1 |
| RGB | 0, 157, 161 |
| RGB Percent | 0%, 62%, 63% |
| CMY | 1.0000, 0.3843, 0.3686 |
| CMYK | 1.00, 0.02, 0.00, 0.37 |
| HSL | 181°, 100%, 32% |
| HSV | 181°, 100%, 63% |
| XYZ | 18.4900, 26.6872, 37.8948 |
| YIQ | 110.5130, -94.8560, -32.0400 |

Conversions

Conversions Part 2

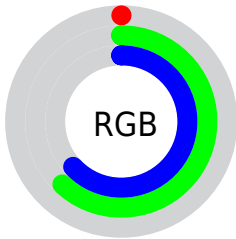
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 79, 161 |
| Decimal | 40353 |
| CIELab | 58.68, -32.20, -11.92 |
| CIELCh | 59, 34.333, 200.309 |
| Yxy | 26.6872, 0.2226, 0.3213 |
| Android (android.graphics.Color) | 4278230433 (0xFF009DA1) |
| YUV | 110.5130, 24.8901, -96.9199 |
| Hunter-Lab | 51.6596, -26.5156, -7.3304 |

Details

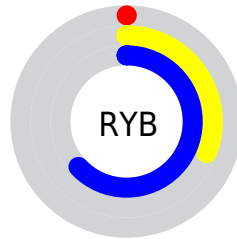
The Android color `4278230433` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4288742400`, and the grayscale version is `4285427310`.

A 20% lighter version of the original color is `4284339416`, and `4278217070` is the 20% darker color. If you saturate the color by 10%, you get `4278230433`, and if you desaturate by 10%, it is `4279279009`.

Distribution



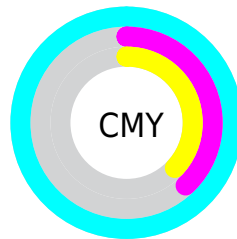
- Red (0%)
- Green (62%)
- Blue (63%)



- Red (0%)
- Yellow (31%)
- Blue (63%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (37%)



- Cyan (100%)
- Magenta (38%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278230433 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 4278230433 by changing the saturation by 10% instead.

 4278230433

 4278230433

4294967295

 4278223751

 4284339416

 4278217070

 4286312948

 4278210645

 4288348159

 4278204734

 4290248703

 4278199336

 4292280319

 4278190356

 4294246399

 4278190080

 4278230433

 4279279009

■ 4280327841

■ 4281376417

■ 4282425249

■ 4283539361

■ 4284587937

■ 4285636769

■ 4286685345

■ 4287734177

Harmonies

Analogous

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



4282490242



4278230433



4278491835

Triad

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



4278230433



4289298100



4289300562

Complementary

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



4278230433



4288742400

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.



4290739808



4278230433



4290868888

Square

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



4278230433



4286745029



4291327610



4287402580

Rectangle

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



4278230433



4282029765



4291327610



4289889365

Sweetspot

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



4278230433



4287811793



4278231299



4282607721



4293454056



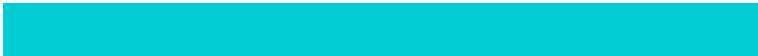
4285098345

Same Dimension

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



4278230433



4278242513



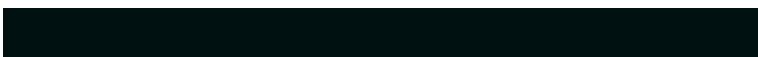
4278210209



4282995026



4278226577



4278194450

Inverse Universe

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



4288741533



4291887308



4288762624



4283582801



4287692942



4279369745

Previews

White Background



This preview shows how the Android color 4278230433 looks on a white background.

Color Contrast Check

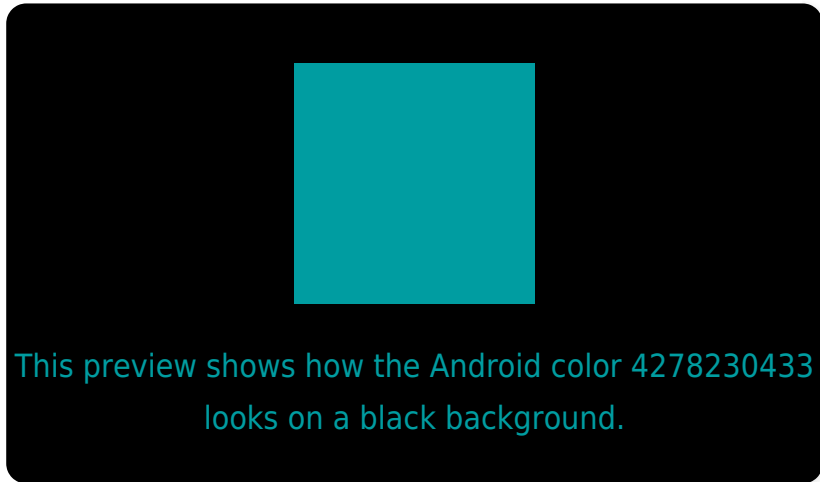
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Android 4278230433 Background



This preview shows how black text looks on a background with the Android color 4278230433.

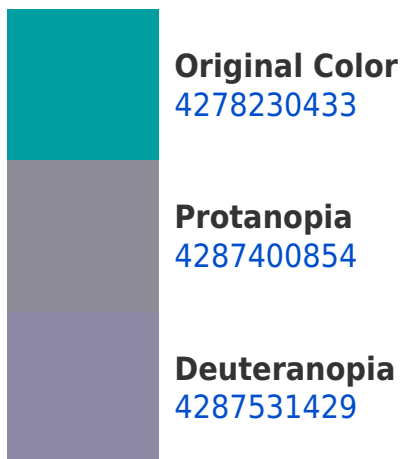


This preview shows how white text looks on a background with the Android color 4278230433.

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

4278230433



Protanomaly

4284060314



Deuteranomaly

4284125348



Tritanomaly

4279213222

Monochromacy



Original Color

4278230433



Achromatopsia

4285493103



Achromatomaly

4282876033

CSS Examples

Text

The CSS property to change the color of the text to Android 4278230433 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, 157, 161)` looks like.

```
.text, #text, p{  
    color:rgb(0, 157, 161)  
}
```

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, 157, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 157, 161) }
```

Border

The CSS property to change the border of an element to Android 4278230433 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, 157, 161) }
```

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

```
.border{ border-color:rgb(0, 157, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 157, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 157, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 157, 161);  
box-shadow:4px 4px 4px 4px rgb(0, 157,  
161) }
```

Background

The CSS property to change the background color of an element to Android 4278230433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 157, 161) }
```

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

```
.background{ background-color: rgb(0, 157,  
161) }
```

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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