

Converting Colors

Android(4278234032)

Have a look what the booklet for
Android(4278234032) contains.

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Color

Android(4278234032)

Conversions

Conversions Part 1

Format	Color
Hex	00ABB0
RGB	0, 171, 176
RGB Percent	0%, 67%, 69%
CMY	1.0000, 0.3294, 0.3098
CMYK	1.00, 0.03, 0.00, 0.31
HSL	182°, 100%, 35%
HSV	182°, 100%, 69%
XYZ	22.3994, 32.2604, 46.1206
YIQ	120.4410, -103.5210, -34.6970

Conversions

Conversions Part 2

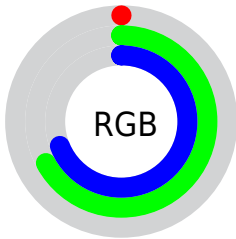
Format	Color
RYB	0, 87, 176
Decimal	43952
CIELab	63.56, -34.08, -13.03
CIELCh	64, 36.486, 200.930
Yxy	32.2604, 0.2223, 0.3201
Android (android.graphics.Color)	4278234032 (0xFF00ABB0)
YUV	120.4410, 27.3906, -105.6268
Hunter-Lab	56.7982, -29.0023, -8.3852

Details

The Android color `4278234032` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4289725696`, and the grayscale version is `4286085240`.

A 20% lighter version of the original color is `4284605416`, and `4278220412` is the 20% darker color. If you saturate the color by 10%, you get `4278234032`, and if you desaturate by 10%, it is `4279413936`.

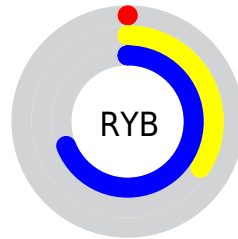
Distribution



Red (0%)

Green (67%)

Blue (69%)



Red (0%)

Yellow (34%)

Blue (69%)

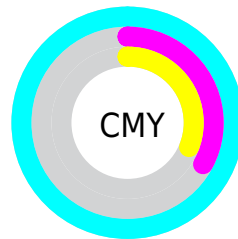


Cyan (100%)

Magenta (3%)

Yellow (0%)

Black (31%)



Cyan (100%)

Magenta (33%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278234032 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 4278234032 by changing the saturation by 10% instead.

 4278234032

 4278234032

4294967295

 4278227093

 4284605416

 4278220412

 4286709759

 4278213987

 4288675839

 4278207819

 4290707455

 4278201652

 4292673535

 4278195743

 4294705151

 4278190085

 4278190080

 4278234032

■ 4279413936

■ 4280528048

■ 4281707952

■ 4282822064

■ 4284001968

■ 4285181616

■ 4286295984

■ 4287475632

■ 4288590000

Harmonies

Analogous

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



4282887055



4278234032



4278954187

Triad

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



4278234032



4290349507



4290286937

Complementary

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



4278234032



4289725696

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.



4291791209



4278234032



4291985829

Square

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



4278234032



4287600086



4292444548



4288192348

Rectangle

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



4278234032



4282557399



4292444548



4290875741

Sweetspot

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



4278234032



4288799974



4278235139



4283003507



4294111986



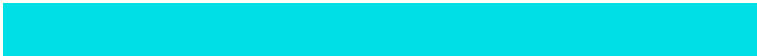
4285756275

Same Dimension

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



4278234032



4278247398



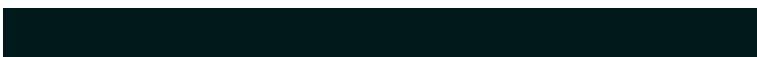
4278212016



4283455833



4278228377



4278196506

Inverse Universe

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



4289724587



4293263583



4289747712



4284043353



4288217237



4279894041

Previews

White Background



This preview shows how the Android color 4278234032 looks on a white background.

Color Contrast Check

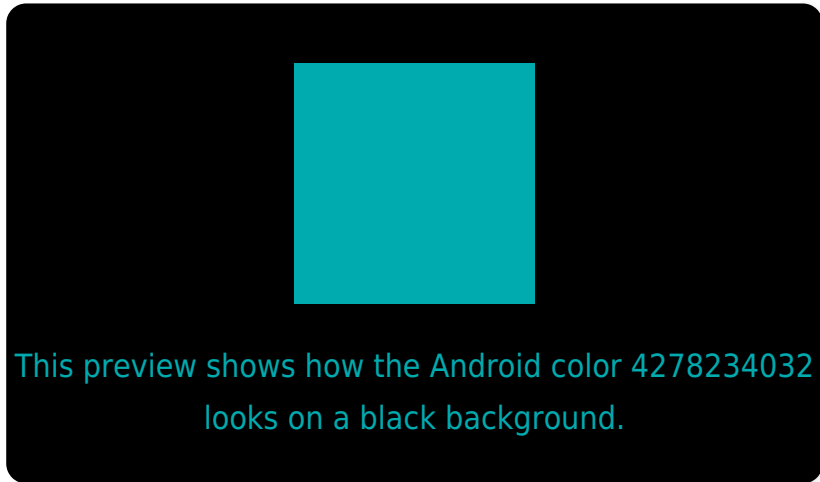
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

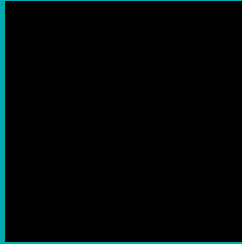
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

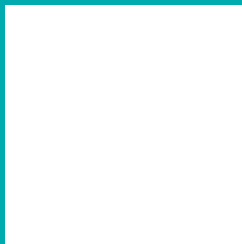
Any Text WCAG AAA ✓ Pass

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

Android 4278234032 Background



This preview shows how black text looks on a background with the Android color 4278234032.

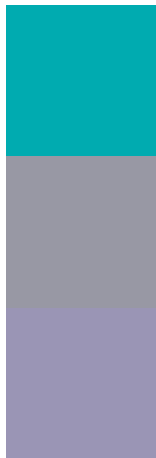


This preview shows how white text looks on a background with the Android color 4278234032.

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
4278234032

Protanopia
4288190628

Deuteranopia
4288320949

Trichromacy



Original Color

4278234032



Protanomaly

4284587944



Deuteranomaly

4284652979



Tritanomaly

4279282357

Monochromacy



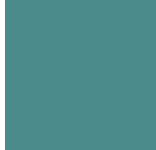
Original Color

4278234032



Achromatopsia

4286085240



Achromatomaly

4283206540

CSS Examples

Text

The CSS property to change the color of the text to Android 4278234032 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, 171, 176)` looks like.

```
.text, #text, p{  
    color:rgb(0, 171, 176)  
}
```

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, 171, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 171, 176) }
```

Border

The CSS property to change the border of an element to Android 4278234032 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, 171, 176) }
```

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

```
.border{ border-color:rgb(0, 171, 176) }
```

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

Here you see how a box with a 4 pixel rgb(0, 171, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 171, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 171, 176);  
box-shadow:4px 4px 4px 4px rgb(0, 171,  
176) }
```

Background

The CSS property to change the background color of an element to Android 4278234032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 171, 176) }
```

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

```
.background{ background-color: rgb(0, 171,  
176) }
```

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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