

Converting Colors

Android(4278970313)

Have a look what the booklet for
Android(4278970313) contains.

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Color

Android(4278970313)

Conversions

Conversions Part 1

Format	Color
Hex	0BE7C9
RGB	11, 231, 201
RGB Percent	4%, 91%, 79%
CMY	0.9569, 0.0941, 0.2118
CMYK	0.95, 0.00, 0.13, 0.09
HSL	172°, 91%, 47%
HSV	172°, 95%, 91%
XYZ	39.2565, 61.4400, 65.0484
YIQ	161.8000, -121.4900, -55.9700

Conversions

Conversions Part 2

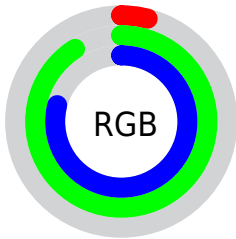
Format	Color
RYB	11, 129, 231
Decimal	780233
CIELab	82.61, -52.71, 1.58
CIELCh	83, 52.729, 178.281
Yxy	61.4400, 0.2368, 0.3707
Android (android.graphics.Color)	4278970313 (0xFF0BE7C9)
YUV	161.8000, 19.3256, -132.2516
Hunter-Lab	78.3837, -47.7741, 5.6655

Details

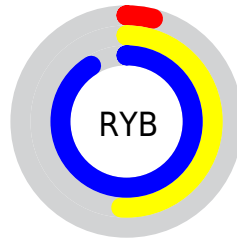
The Android color **4278970313** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed cyan. A complement of this color would be **4293331753**, and the grayscale version is **4288848546**.

A 20% lighter version of the original color is **4285661183**, and **4278234771** is the 20% darker color. If you saturate the color by 10%, you get **4278249415**, and if you desaturate by 10%, it is **4280477644**.

Distribution



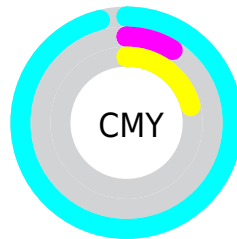
- Red (4%)
- Green (91%)
- Blue (79%)



- Red (4%)
- Yellow (51%)
- Blue (91%)



- Cyan (95%)
- Magenta (0%)
- Yellow (13%)
- Black (9%)



- Cyan (96%)
- Magenta (9%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278970313 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 4278970313 by changing the saturation by 10% instead.



4278970313



4278970313

4294967295



4278241966



4285661183



4278234771



4287889407



4278227833



4289986559



4278220897



4292083711



4278214217



4294180863



4278207795



4278202141



4278194437



4278190080

■ 4278970313

■ 4278970313

■ 4278249415

■ 4280477644

■ 4281984975

■ 4283492306

■ 4284999638

■ 4286572505

■ 4288079836

■ 4289587167

■ 4291094498

■ 4292601829

Harmonies

Analogous

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



4286636696



4278970313



4278249211

Triad

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



4278970313



4291674879



4294948986

Complementary

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



4278970313



4293331753

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.



4294945185



4278970313



4294947071

Square

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



4278970313



4285912319



4294944210



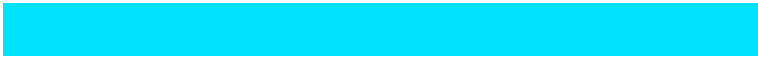
4293905001

Rectangle

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



4278970313



4278248447



4294944210



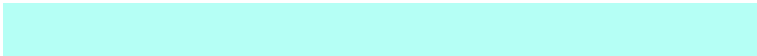
4294947462

Sweetspot

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



4278970313



4290117621



4281132811



4283662457



4278190080



4286611584

Same Dimension

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



4278970313



4278255580



4278950631



4284969841



4278236058



4278203180

Inverse Universe

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



4293331753



4294901795



4293351435



4285753193



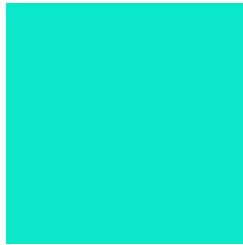
4289921048



4281532423

Previews

White Background



This preview shows how the Android color 4278970313 looks on a white background.

Color Contrast Check

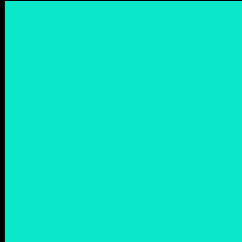
Large Text (above 18pt) WCAG AA × Fail

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 4278970313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

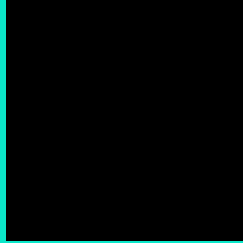
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

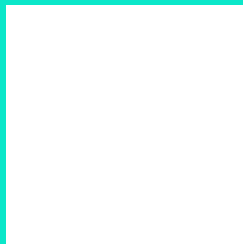
Any Text WCAG AAA ✓ Pass

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

Android 4278970313 Background



This preview shows how black text looks on a background with the Android color 4278970313.



This preview shows how white text looks on a background with the Android color 4278970313.

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

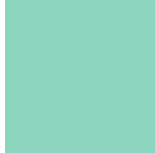


Trichromacy



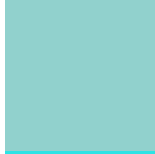
Original Color

4278970313



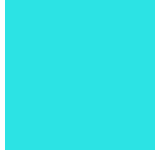
Protanomaly

4287354303



Deuteranomaly

4287746509



Tritanomaly

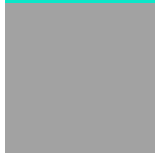
4281132004

Monochromacy



Original Color

4278970313



Achromatopsia

4288848546



Achromatomaly

4285250480

CSS Examples

Text

The CSS property to change the color of the text to Android 4278970313 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(11, 231, 201)` looks like.

```
.text, #text, p{  
    color:rgb(11, 231, 201)  
}
```

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(11, 231, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 231, 201) }
```

Border

The CSS property to change the border of an element to Android 4278970313 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(11, 231, 201) }
```

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

```
.border{ border-color:rgb(11, 231, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 231, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 231, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 231, 201);  
box-shadow:4px 4px 4px 4px rgb(11, 231,  
201) }
```

Background

The CSS property to change the background color of an element to Android 4278970313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 231, 201) }
```

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

```
.background{ background-color: rgb(11, 231,  
201) }
```

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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