

Converting Colors

Android(4278249449)

Have a look what the booklet for
Android(4278249449) contains.

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Color

Android(4278249449)

Conversions

Conversions Part 1

Format	Color
Hex	00E7E9
RGB	0, 231, 233
RGB Percent	0%, 91%, 91%
CMY	1.0000, 0.0941, 0.0863
CMYK	1.00, 0.01, 0.00, 0.09
HSL	181°, 100%, 46%
HSV	181°, 100%, 91%
XYZ	43.2839, 63.0350, 86.9765
YIQ	162.1590, -138.3180, -48.3500

Conversions

Conversions Part 2

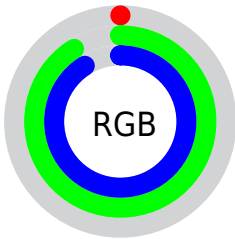
Format	Color
RYB	0, 116, 233
Decimal	59369
CIELab	83.46, -44.03, -14.09
CIELCh	83, 46.229, 197.741
Yxy	63.0350, 0.2239, 0.3261
Android (android.graphics.Color)	4278249449 (0xFF00E7E9)
YUV	162.1590, 34.9246, -142.2134
Hunter-Lab	79.3946, -41.6269, -9.3757

Details

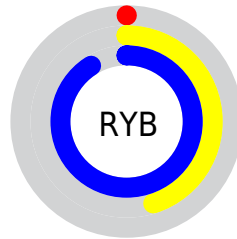
The Android color `4278249449` is a light color, and the websafe version is hex `33FFFF`. The color can be described as light washed cyan. A complement of this color would be `4293460480`, and the grayscale version is `4288848546`.

A 20% lighter version of the original color is `4285792255`, and `4278235057` is the 20% darker color. If you saturate the color by 10%, you get `4278249449`, and if you desaturate by 10%, it is `4279756777`.

Distribution



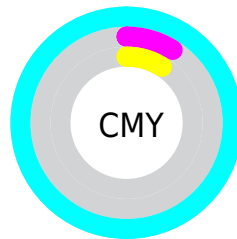
- Red (0%)
- Green (91%)
- Blue (91%)



- Red (0%)
- Yellow (45%)
- Blue (91%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278249449 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 4278249449 by changing the saturation by 10% instead.



4278249449



4278249449

4294967295



4278241997



4285792255



4278235057



4288020479



4278227863



4290183167



4278221181



4292345855



4278214500



4294443007



4278208332



4278202165



4278195744



4278190087

 4278249449

 4279756777

 4281329641

 4282837225

 4284344553

 4285917417

 4287424745

 4288932073

 4290439657

 4292012521

Harmonies

Analogous

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



4284999356



4278249449



4278248447

Triad

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



4278249449



4294294527



4294756219

Complementary

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



4278249449



4293460480

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.



4294949009



4278249449



4294947044

Square

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



4278249449



4290431999



4294946744



4292007547

Rectangle

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



4278249449



4283358719



4294946744



4294951552

Sweetspot

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



4278249449



4289986303



4278249728



4283596672



4278190080



4286611584

Same Dimension

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



4278249449



4278255103



4278220265



4285166965



4278236085



4278203702

Inverse Universe

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



4293460199



4294902013



4293489920



4285885045



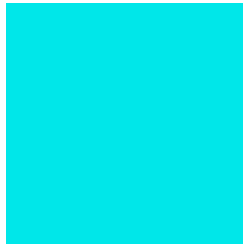
4290052275



4281729077

Previews

White Background



This preview shows how the Android color 4278249449 looks on a white background.

Color Contrast Check

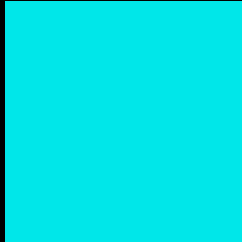
Large Text (above 18pt) WCAG AA × Fail

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 4278249449 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 4278249449 Background



This preview shows how black text looks on a background with the Android color 4278249449.

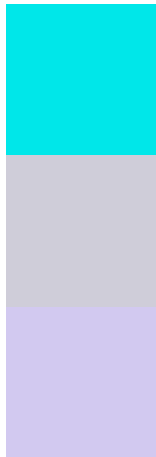


This preview shows how white text looks on a background with the Android color 4278249449.

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](#).

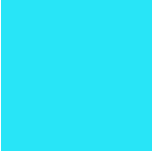
Dichromacy



Original Color
4278249449

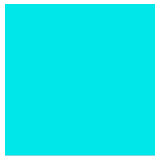
Protanopia
4291808729

Deuteranopia
4292004336



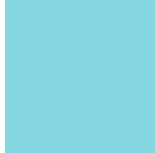
Tritanopia
4280870391

Trichromacy



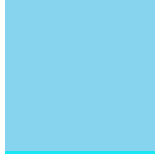
Original Color

4278249449



Protanomaly

4286895839



Deuteranomaly

4287026413



Tritanomaly

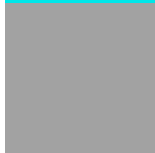
4279887602

Monochromacy



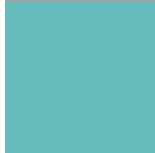
Original Color

4278249449



Achromatopsia

4288848546



Achromatomaly

4284988348

CSS Examples

Text

The CSS property to change the color of the text to Android 4278249449 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, 231, 233)` looks like.

```
.text, #text, p{  
    color:rgb(0, 231, 233)  
}
```

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, 231, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 231, 233) }
```

Border

The CSS property to change the border of an element to Android 4278249449 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, 231, 233) }
```

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

```
.border{ border-color:rgb(0, 231, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 231, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 231, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 231, 233);  
box-shadow:4px 4px 4px 4px rgb(0, 231,  
233) }
```

Background

The CSS property to change the background color of an element to Android 4278249449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 231, 233) }
```

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

```
.background{ background-color: rgb(0, 231,  
233) }
```

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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