

Converting Colors

Android(4278249947)

Have a look what the booklet for
Android(4278249947) contains.

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Color

Android(4278249947)

Conversions

Conversions Part 1

Format	Color
Hex	00E9DB
RGB	0, 233, 219
RGB Percent	0%, 91%, 86%
CMY	1.0000, 0.0863, 0.1412
CMYK	1.00, 0.00, 0.06, 0.09
HSL	176°, 100%, 46%
HSV	176°, 100%, 91%
XYZ	41.9251, 63.3923, 77.0441
YIQ	161.7370, -134.3740, -53.7500

Conversions

Conversions Part 2

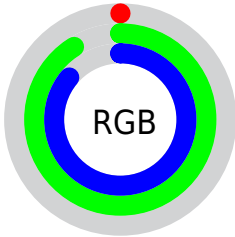
Format	Color
RYB	0, 120, 233
Decimal	59867
CIELab	83.65, -48.91, -6.41
CIELCh	84, 49.326, 187.470
Yxy	63.3923, 0.2299, 0.3476
Android (android.graphics.Color)	4278249947 (0xFF00E9DB)
YUV	161.7370, 28.2307, -141.8433
Hunter-Lab	79.6193, -45.3411, -1.6388

Details

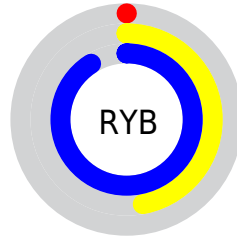
The Android color `4278249947` is a light color, and the websafe version is hex `00FFFF`. The color can be described as light washed cyan. A complement of this color would be `4293459982`, and the grayscale version is `4288848546`.

A 20% lighter version of the original color is `4285726719`, and `4278235300` is the 20% darker color. If you saturate the color by 10%, you get `4278249947`, and if you desaturate by 10%, it is `4279757276`.

Distribution



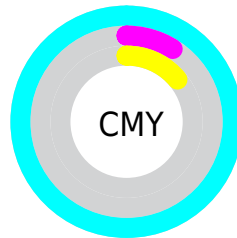
- Red (0%)
- Green (91%)
- Blue (86%)



- Red (0%)
- Yellow (47%)
- Blue (91%)



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)
- Black (9%)



- Cyan (100%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278249947 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 4278249947 by changing the saturation by 10% instead.



4278249947



4278249947

4294967295



4278242495



4285726719



4278235300



4287954943



4278228362



4290117631



4278221425



4292214783



4278215000



4294311935



4278208321



4278202411



4278195735



4278190080

 4278249947

 4279757276

 4281330142

 4282837471

 4284344801

 4285917666

 4287424995

 4288932325

 4290439654

 4292012520

Harmonies

Analogous

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



4285916843



4278249947



4278249471

Triad

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



4278249947



4293181695



4294951291

Complementary

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



4278249947



4293459982

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.



4294947482



4278249947



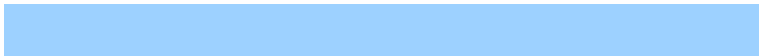
4294947317

Square

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



4278249947



4288532991



4294945735



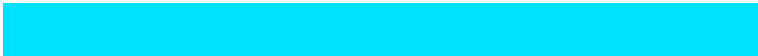
4293120626

Rectangle

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



4278249947



4278248191



4294945735



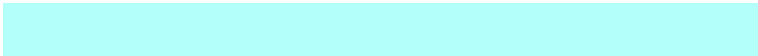
4294950019

Sweetspot

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



4278249947



4289986554



4279298304



4283596925



4278190080



4286611584

Same Dimension

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



4278249947



4278255600



4278224105



4285166965



4278236586



4278203954

Inverse Universe

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



4293459982



4294901775



4293485824



4285885034



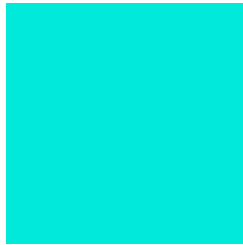
4290052107



4281729027

Previews

White Background



This preview shows how the Android color 4278249947 looks on a white background.

Color Contrast Check

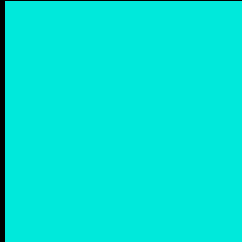
Large Text (above 18pt) WCAG AA × Fail

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 4278249947 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 4278249947 Background



This preview shows how black text looks on a background with the Android color 4278249947.



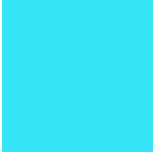
This preview shows how white text looks on a background with the Android color 4278249947.

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





Tritanopia
4281722359

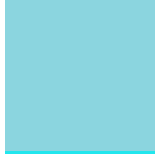
Trichromacy



Original Color
4278249947



Protanomaly
4287027409



Deuteranomaly
4287354335

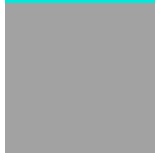


Tritanomaly
4280477421

Monochromacy



Original Color
4278249947



Achromatopsia
4288848546



Achromatomaly
4284988599

CSS Examples

Text

The CSS property to change the color of the text to Android 4278249947 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, 233, 219)` looks like.

```
.text, #text, p{  
    color:rgb(0, 233, 219)  
}
```

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, 233, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 233, 219) }
```

Border

The CSS property to change the border of an element to Android 4278249947 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, 233, 219) }
```

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

```
.border{ border-color:rgb(0, 233, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 233, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 233, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 233, 219);  
box-shadow:4px 4px 4px 4px rgb(0, 233,  
219) }
```

Background

The CSS property to change the background color of an element to Android 4278249947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 233, 219) }
```

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

```
.background{ background-color: rgb(0, 233,  
219) }
```

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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