

Converting Colors

Android(4278236374)

Have a look what the booklet for
Android(4278236374) contains.

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Color

Android(4278236374)

Conversions

Conversions Part 1

Format	Color
Hex	00B4D6
RGB	0, 180, 214
RGB Percent	0%, 71%, 84%
CMY	1.0000, 0.2941, 0.1608
CMYK	1.00, 0.16, 0.00, 0.16
HSL	190°, 100%, 42%
HSV	190°, 100%, 84%
XYZ	28.4589, 37.4976, 69.3561
YIQ	130.0560, -118.1940, -27.5860

Conversions

Conversions Part 2

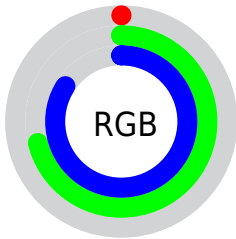
Format	Color
RYB	0, 98, 214
Decimal	46294
CIELab	67.65, -26.05, -27.86
CIELCh	68, 38.146, 226.919
Yxy	37.4976, 0.2103, 0.2771
Android (android.graphics.Color)	4278236374 (0xFF00B4D6)
YUV	130.0560, 41.3844, -114.0591
Hunter-Lab	61.2352, -24.2045, -24.2882

Details

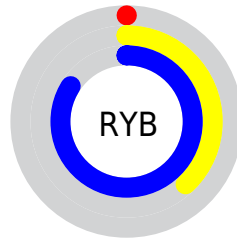
The Android color `4278236374` is a dark color, and the websafe version is hex `00CCFF`. The color can be described as middle washed azure. A complement of this color would be `4292223488`, and the grayscale version is `4286743170`.

A 20% lighter version of the original color is `4285132031`, and `4278222751` is the 20% darker color. If you saturate the color by 10%, you get `4278236374`, and if you desaturate by 10%, it is `4279613398`.

Distribution



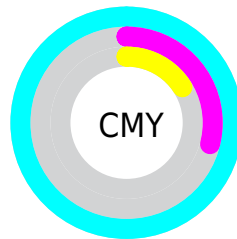
- Red (0%)
- Green (71%)
- Blue (84%)



- Red (0%)
- Yellow (38%)
- Blue (84%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (29%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278236374 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 4278236374 by changing the saturation by 10% instead.

 4278236374

 4278236374

4294967295

 4278229434

 4285132031

 4278222751

 4287299583

 4278216325

 4289331199

 4278209900

 4291362815

 4278203987

 4293394431

 4278198844

 4278190886

 4278190351

 4278190080

 4278236374

 4279613398

 4281056214

 4282433238

 4283876054

 4285253078

 4286630102

 4288072918

 4289449942

 4290892758

Harmonies

Analogous

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



4279678904



4278236374



4283870695

Triad

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



4278236374



4292774837



4289243490

Complementary

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



4278236374



4292223488

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.



4291337826



4278236374



4293429906

Square

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



4278236374



4290876884



4292842100



4286689653

Rectangle

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



4278236374



4286555625



4292842100



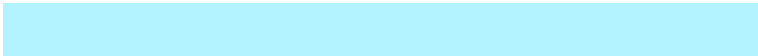
4289963359

Sweetspot

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



4278236374



4289983487



4278244896



4283594880



4278190080



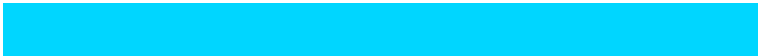
4286611584

Same Dimension

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



4278236374



4278245119



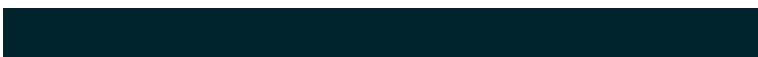
4278209494



4284508523



4278227115



4278199339

Inverse Universe

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



4292214964



4294901974



4292250368



4285227113



4289396880



4281008164

Previews

White Background



This preview shows how the Android color 4278236374 looks on a white background.

Color Contrast Check

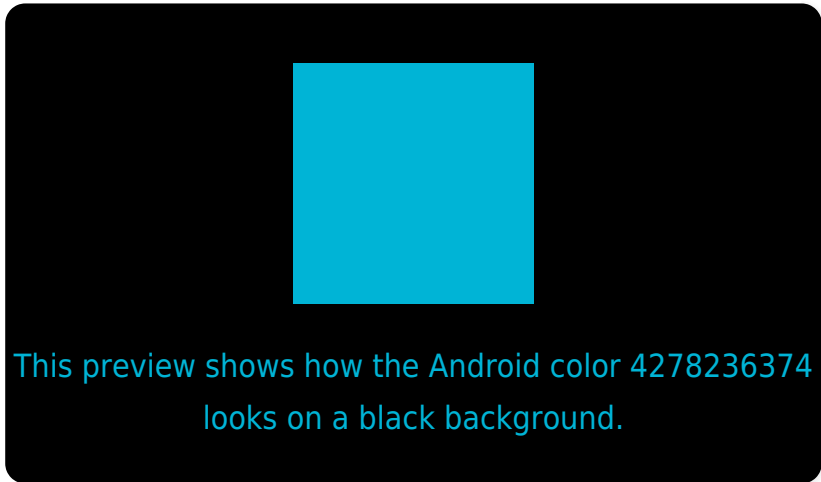
Large Text (above 18pt) WCAG AA × Fail

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 4278236374 Background



This preview shows how black text looks on a background with the Android color 4278236374.



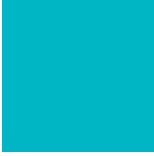
This preview shows how white text looks on a background with the Android color 4278236374.

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

4278236374



Protanomaly

4284721614



Deuteranomaly

4284459225



Tritanomaly

4278236619

Monochromacy



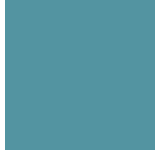
Original Color

4278236374



Achromatopsia

4286743170



Achromatomaly

4283667617

CSS Examples

Text

The CSS property to change the color of the text to Android 4278236374 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, 180, 214)` looks like.

```
.text, #text, p{  
    color:rgb(0, 180, 214)  
}
```

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, 180, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 180, 214) }
```

Border

The CSS property to change the border of an element to Android 4278236374 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, 180, 214) }
```

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

```
.border{ border-color:rgb(0, 180, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 180, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 180, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 180, 214);  
box-shadow:4px 4px 4px 4px rgb(0, 180,  
214) }
```

Background

The CSS property to change the background color of an element to Android 4278236374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 180, 214) }
```

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

```
.background{ background-color: rgb(0, 180,  
214) }
```

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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