

Converting Colors

Android(4280974733)

Have a look what the booklet for
Android(4280974733) contains.

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Color

Android(4280974733)

Conversions

Conversions Part 1

Format	Color
Hex	2A7D8D
RGB	42, 125, 141
RGB Percent	16%, 49%, 55%
CMY	0.8353, 0.5098, 0.4471
CMYK	0.70, 0.11, 0.00, 0.45
HSL	190°, 54%, 36%
HSV	190°, 70%, 55%
XYZ	13.0962, 17.0826, 27.8063
YIQ	102.0070, -54.6040, -12.6200

Conversions

Conversions Part 2

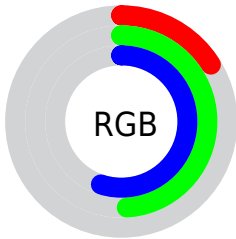
Format	Color
R_{YB}	42, 87, 141
Decimal	2784653
CIE _{Lab}	48.36, -19.18, -15.92
CIE _{LCh}	48, 24.925, 219.686
Yxy	17.0826, 0.2259, 0.2946
Android (android.graphics.Color)	4280974733 (0xFF2A7D8D)
YUV	102.0070, 19.2235, -52.6261
Hunter-Lab	41.3311, -15.7697, -10.9568




Details

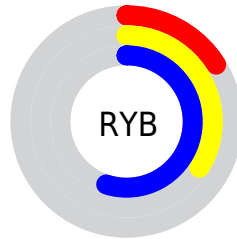
The Android color `4280974733` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4287445546`, and the grayscale version is `4284900966`.




A 20% lighter version of the original color is `4284854979`, and `4278209627` is the 20% darker color. If you saturate the color by 10%, you get `4280056717`, and if you desaturate by 10%, it is `4281892749`.

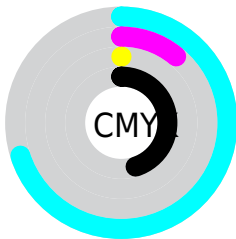
Distribution







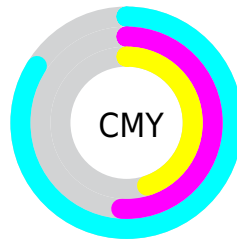
-  Red (16%)
-  Green (49%)
-  Blue (55%)






-  Red (16%)
-  Yellow (34%)
-  Blue (55%)



-  Cyan (70%)
-  Magenta (11%)
-  Yellow (0%)
-  Black (45%)



-  Cyan (84%)
-  Magenta (51%)
-  Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280974733 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 4280974733 by changing the saturation by 10% instead.

 4280974733

 4280974733

4294967295

 4278215795

 4284854979

 4278209627

 4286696927

 4278203715

 4288539387

 4278198317

 4290445311

 4278190361

 4292345855


 4278190080

 4294246399

 4280974733

 4280974733

 4280056717

 4281892749

■ 4279138445

■ 4282811021

■ 4278220429

■ 4283729037

■ 4284647053

■ 4285565069

■ 4286548877

■ 4287466893

■ 4288384909

■ 4289303181

Harmonies

Analogous

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



4281499257



4280974733



4282415514

Triad

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



4280974733



4287849858



4286215241

Complementary

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



4280974733



4287445546

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.



4287524172



4280974733



4288439149

Square

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



4280974733



4286475155



4288308825



4284709458

Rectangle

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



4280974733



4283856285



4288308825



4286673225

Sweetspot

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



4280974733



4287738296



4280978745



4282734684



4292598747



4284243036

Same Dimension

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



4280974733



4280131512



4280962445



4282402375



4278219143



4278191624

Inverse Universe

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



4287441533



4290256287



4287457834



4282859590



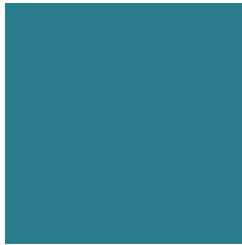
4287037553



4278714374

Previews

White Background



This preview shows how the Android color 4280974733 looks on a white background.

Color Contrast Check

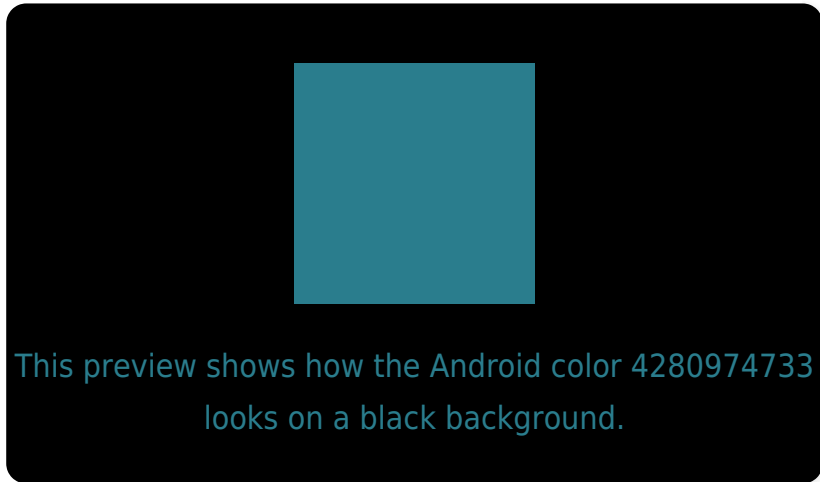
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

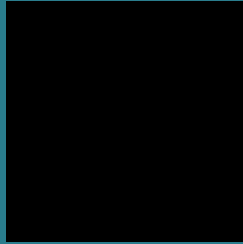
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4280974733 Background



This preview shows how black text looks on a background with the Android color 4280974733.

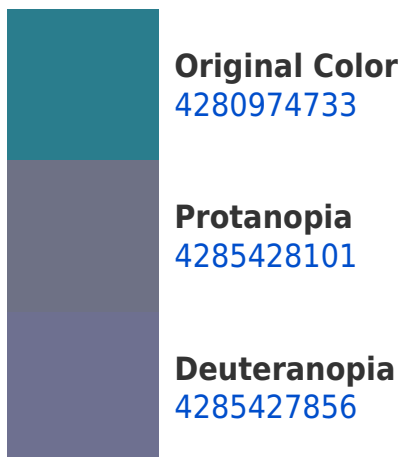


This preview shows how white text looks on a background with the Android color 4280974733.

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
4280974733

Protanomaly
4283790728

Deuteranomaly
4283790735

Tritanomaly
4280843914

Monochromacy



Original Color
4280974733

Achromatopsia
4284900966

Achromatomaly
4283461236

CSS Examples

Text

The CSS property to change the color of the text to Android 4280974733 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(42, 125, 141)` looks like.

```
.text, #text, p{  
    color:rgb(42, 125, 141)  
}
```

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(42, 125, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 125, 141) }
```

Border

The CSS property to change the border of an element to Android 4280974733 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(42, 125, 141) }
```

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

```
.border{ border-color:rgb(42, 125, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 125, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 125, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 125, 141);  
box-shadow:4px 4px 4px 4px rgb(42, 125,  
141) }
```

Background

The CSS property to change the background color of an element to Android 4280974733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 125, 141) }
```

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

```
.background{ background-color: rgb(42, 125,  
141) }
```

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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