

Converting Colors

Android(4280974184)

Have a look what the booklet for
Android(4280974184) contains.

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Color

Android(4280974184)

Conversions

Conversions Part 1

Format	Color
Hex	2A7B68
RGB	42, 123, 104
RGB Percent	16%, 48%, 41%
CMY	0.8353, 0.5176, 0.5922
CMYK	0.66, 0.00, 0.15, 0.52
HSL	166°, 49%, 32%
HSV	166°, 66%, 48%
XYZ	10.5365, 15.6576, 15.5636
YIQ	96.6150, -42.1770, -23.0810

Conversions

Conversions Part 2

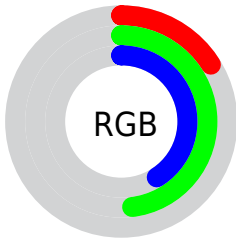
Format	Color
RYB	42, 88, 123
Decimal	2784104
CIELab	46.52, -29.30, 3.23
CIElCh	47, 29.478, 173.719
Yxy	15.6576, 0.2523, 0.3750
Android (android.graphics.Color)	4280974184 (0xFF2A7B68)
YUV	96.6150, 3.6408, -47.8974
Hunter-Lab	39.5697, -21.7166, 4.3788

Details

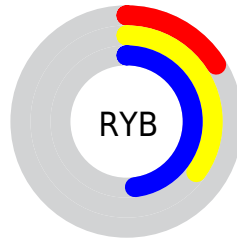
The Android color `4280974184` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4286261821`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4284657819`, and `4278208825` is the 20% darker color. If you saturate the color by 10%, you get `4280187749`, and if you desaturate by 10%, it is `4281760619`.

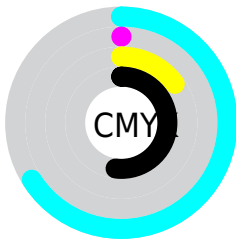
Distribution



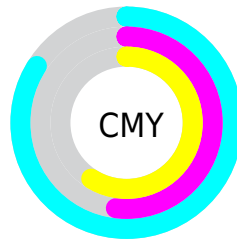
- Red (16%)
- Green (48%)
- Blue (41%)



- Red (16%)
- Yellow (35%)
- Blue (48%)



- Cyan (66%)
- Magenta (0%)
- Yellow (15%)
- Black (52%)



- Cyan (84%)
- Magenta (52%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280974184 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 4280974184 by changing the saturation by 10% instead.



4280974184



4280974184

4294967295



4278346320



4284657819



4278208825



4286434486



4278202916



4288211153



4278198030



4290052078



4278190080



4291952639



4293853183



4280974184



4280974184



4280187749



4281760619

■ 4279335778

■ 4282612590

■ 4278549343

■ 4283399025

■ 4278221662

■ 4284185460

■ 4285037430

■ 4285823865

■ 4286610300

■ 4287396735

■ 4288248706

Harmonies

Analogous

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



4283267152



4280974184



4278221697

Triad

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



4280974184



4285098651



4287980103

Complementary

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



4280974184



4286261821

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.



4288568412



4280974184



4287127948

Square

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



4280974184



4282348191



4288306036



4286802749

Rectangle

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



4280974184



4278221456



4288306036



4288241741

Sweetspot

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



4280974184



4286685593



4282284842



4282274381



4291940817



4283585106

Same Dimension

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



4280974184



4280459651



4280969083



4281810236



4278222176



4278254785

Inverse Universe

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



4286261821



4288750144



4286266922



4282201913



4286382109



4294705211

Previews

White Background



This preview shows how the Android color 4280974184 looks on a white background.

Color Contrast Check

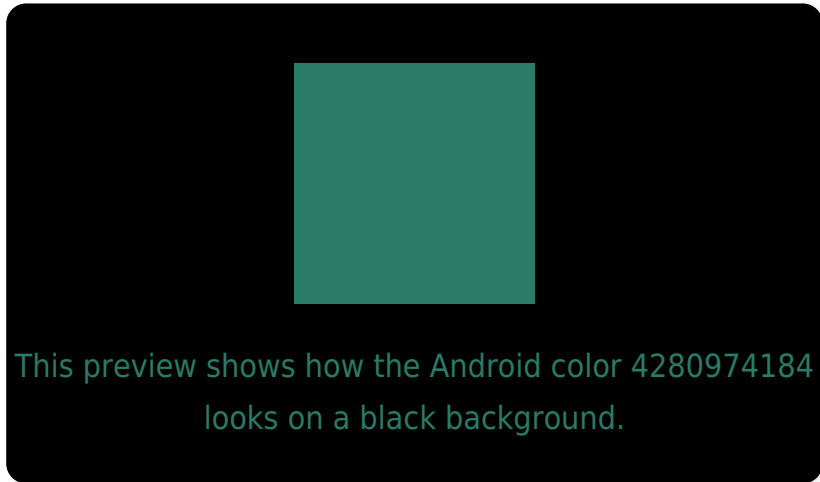
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280974184 Background



This preview shows how black text looks on a background with the Android color 4280974184.

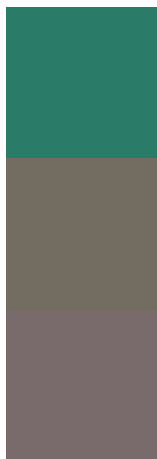


This preview shows how white text looks on a background with the Android color 4280974184.

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
4280974184

Protanopia
4285754721

Deuteranopia
4286147180

Trichromacy



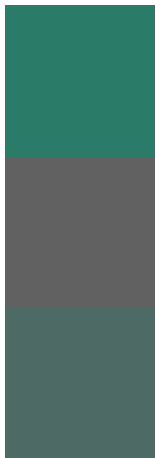
Original Color
4280974184

Protanomaly
4283986532

Deuteranomaly
4284248171

Tritanomaly
4281432184

Monochromacy



Original Color
4280974184

Achromatopsia
4284572001

Achromatomaly
4283263588

CSS Examples

Text

The CSS property to change the color of the text to Android 4280974184 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, 123, 104)` looks like.

```
.text, #text, p{  
    color:rgb(42, 123, 104)  
}
```

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, 123, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 123, 104) }
```

Border

The CSS property to change the border of an element to Android 4280974184 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, 123, 104) }
```

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

```
.border{ border-color:rgb(42, 123, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 123, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 123, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 123, 104);  
box-shadow:4px 4px 4px 4px rgb(42, 123,  
104) }
```

Background

The CSS property to change the background color of an element to Android 4280974184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 123, 104) }
```

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

```
.background{ background-color: rgb(42, 123,  
104) }
```

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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