

Converting Colors

Android(4280984218)

Have a look what the booklet for
Android(4280984218) contains.

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Color

Android(4280984218)

Conversions

Conversions Part 1

Format	Color
Hex	2AA29A
RGB	42, 162, 154
RGB Percent	16%, 64%, 60%
CMY	0.8353, 0.3647, 0.3961
CMYK	0.74, 0.00, 0.05, 0.36
HSL	176°, 59%, 40%
HSV	176°, 74%, 64%
XYZ	19.7079, 28.6660, 35.0662
YIQ	125.2080, -68.9520, -27.9280

Conversions

Conversions Part 2

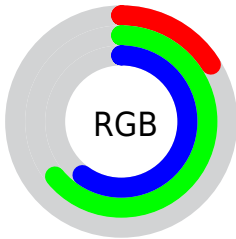
Format	Color
RYB	42, 104, 162
Decimal	2794138
CIELab	60.49, -33.74, -5.22
CIElCh	60, 34.141, 188.792
Yxy	28.6660, 0.2362, 0.3436
Android (android.graphics.Color)	4280984218 (0xFF2AA29A)
YUV	125.2080, 14.1945, -72.9734
Hunter-Lab	53.5406, -27.9916, -1.3533

Details

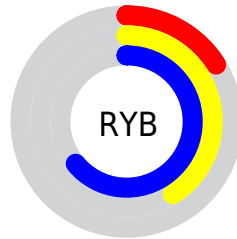
The Android color `4280984218` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4288817714`, and the grayscale version is `4286414205`.

A 20% lighter version of the original color is `4285258192`, and `4278218343` is the 20% darker color. If you saturate the color by 10%, you get `4279935641`, and if you desaturate by 10%, it is `4282032795`.

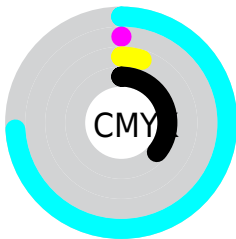
Distribution



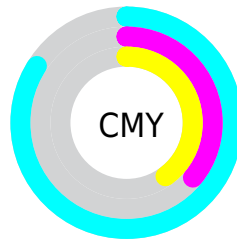
- Red (16%)
- Green (64%)
- Blue (60%)



- Red (16%)
- Yellow (41%)
- Blue (64%)



- Cyan (74%)
- Magenta (0%)
- Yellow (5%)
- Black (36%)



- Cyan (84%)
- Magenta (36%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280984218 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 4280984218 by changing the saturation by 10% instead.

 4280984218

 4280984218

4294967295

 4278224768

 4285258192

 4278218343

 4287231725

 4278211919

 4289134591

 4278205752

 4291035135

 4278200099

 4293001215

 4278191118

 4278190080

 4280984218

 4280984218

 4279935641

 4282032795

■ 4278887064

■ 4283081372

■ 4278231703

■ 4284195485

■ 4285244062

■ 4286292639

■ 4287341216

■ 4288389794

■ 4289503907

■ 4290552484

Harmonies

Analogous

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



4283932795



4280984218



4278427831

Triad

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



4280984218



4288776129



4290283866

Complementary

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



4280984218



4288817714

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.



4291395438



4280984218



4290739624

Square

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



4280984218



4285895373



4291590794



4288516949

Rectangle

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



4280984218



4281048517



4291590794



4290741599

Sweetspot

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



4280984218



4289058001



4281508394



4283394921



4293651435



4285229931

Same Dimension

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



4280984218



4279751879



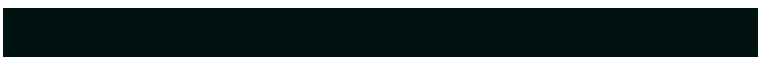
4280970914



4282995281



4278227336



4278194705

Inverse Universe

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



4288817714



4292089636



4288831018



4283582794



4287692810



4279369729

Previews

White Background



This preview shows how the Android color 4280984218 looks on a white background.

Color Contrast Check

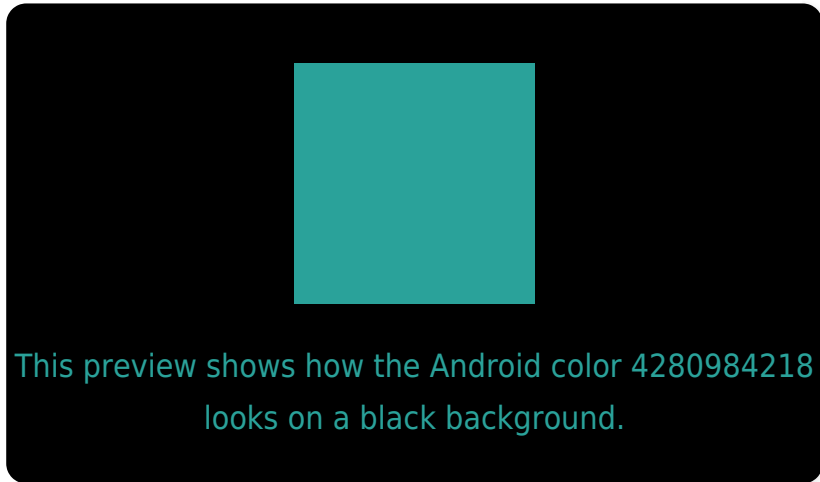
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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 × Fail

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

Android 4280984218 Background



This preview shows how black text looks on a background with the Android color 4280984218.

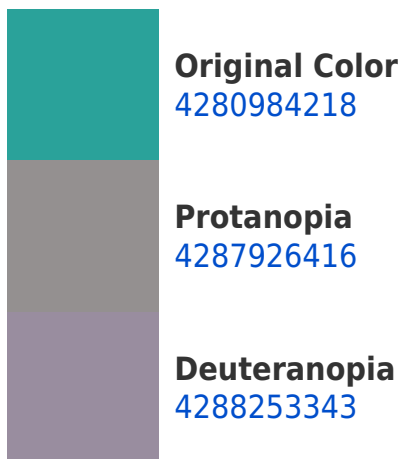


This preview shows how white text looks on a background with the Android color 4280984218.

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

4280984218



Protanomaly

4285372308



Deuteranomaly

4285633949



Tritanomaly

4281508005

Monochromacy



Original Color

4280984218



Achromatopsia

4286414205



Achromatomaly

4284451464

CSS Examples

Text

The CSS property to change the color of the text to Android 4280984218 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, 162, 154)` looks like.

```
.text, #text, p{  
    color:rgb(42, 162, 154)  
}
```

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, 162, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 162, 154) }
```

Border

The CSS property to change the border of an element to Android 4280984218 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, 162, 154) }
```

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

```
.border{ border-color:rgb(42, 162, 154) }
```

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

Here you see how a box with a 4 pixel rgb(42, 162, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 162, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 162, 154);  
box-shadow:4px 4px 4px 4px rgb(42, 162,  
154) }
```

Background

The CSS property to change the background color of an element to Android 4280984218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 162, 154) }
```

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

```
.background{ background-color: rgb(42, 162,  
154) }
```

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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