

Converting Colors

Android(4280854433)

Have a look what the booklet for
Android(4280854433) contains.

Android(4280854433)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4280854433)

Conversions

Conversions Part 1

Format	Color
Hex	28A7A1
RGB	40, 167, 161
RGB Percent	16%, 65%, 63%
CMY	0.8431, 0.3451, 0.3686
CMYK	0.76, 0.00, 0.04, 0.35
HSL	177°, 61%, 41%
HSV	177°, 76%, 65%
XYZ	21.1268, 30.6618, 38.5230
YIQ	128.3430, -73.7660, -28.7900

Conversions

Conversions Part 2

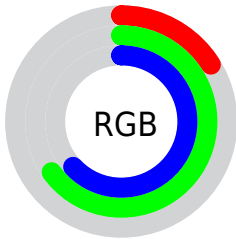
Format	Color
RYB	40, 105, 167
Decimal	2664353
CIELab	62.22, -34.28, -6.59
CIELCh	62, 34.909, 190.882
Yxy	30.6618, 0.2339, 0.3395
Android (android.graphics.Color)	4280854433 (0xFF28A7A1)
YUV	128.3430, 16.0999, -77.4768
Hunter-Lab	55.3731, -28.7987, -2.4869

Details

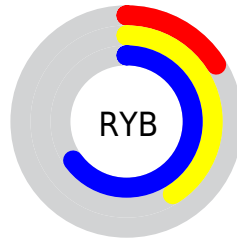
The Android color `4280854433` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4289144878`, and the grayscale version is `4286611584`.

A 20% lighter version of the original color is `4285325272`, and `4278219374` is the 20% darker color. If you saturate the color by 10%, you get `4279740320`, and if you desaturate by 10%, it is `4281968546`.

Distribution



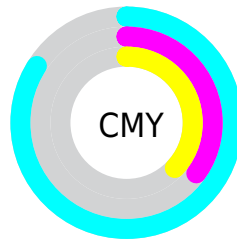
- Red (16%)
- Green (65%)
- Blue (63%)



- Red (16%)
- Yellow (41%)
- Blue (65%)



- Cyan (76%)
- Magenta (0%)
- Yellow (4%)
- Black (35%)



- Cyan (84%)
- Magenta (35%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280854433 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 4280854433 by changing the saturation by 10% instead.

 4280854433

 4280854433

4294967295

 4278226055

 4285325272

 4278219374

 4287233268

 4278212949

 4289200127

 4278206782

 4291166207

 4278200872

 4293132287

 4278193940

 4278190080

 4280854433

 4280854433

 4279740320

 4281968546

■ 4278691743

■ 4283017123

■ 4278232991

■ 4284131235

■ 4285245348

■ 4286293925

■ 4287408038

■ 4288522151

■ 4289636263

■ 4290684840

Harmonies

Analogous

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



4283934081



4280854433



4278691262

Triad

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



4280854433



4289235653



4290547292

Complementary

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



4280854433



4289144878

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.



4291724399



4280854433



4291199403

Square

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



4280854433



4286355155



4292050572



4288714841

Rectangle

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



4280854433



4281443020



4292050572



4291005025

Sweetspot

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



4280854433



4289190358



4281247528



4283395692



4293783021



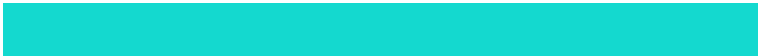
4285427310

Same Dimension

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



4280854433



4279556559



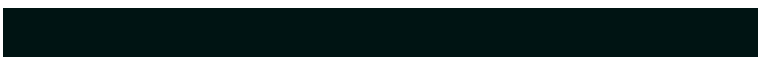
4280839847



4283192404



4278228109



4278195219

Inverse Universe

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



4289144878



4292416541



4289159464



4283714636



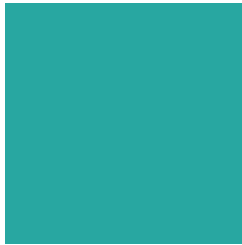
4287889415



4279500801

Previews

White Background



This preview shows how the Android color 4280854433 looks on a white background.

Color Contrast Check

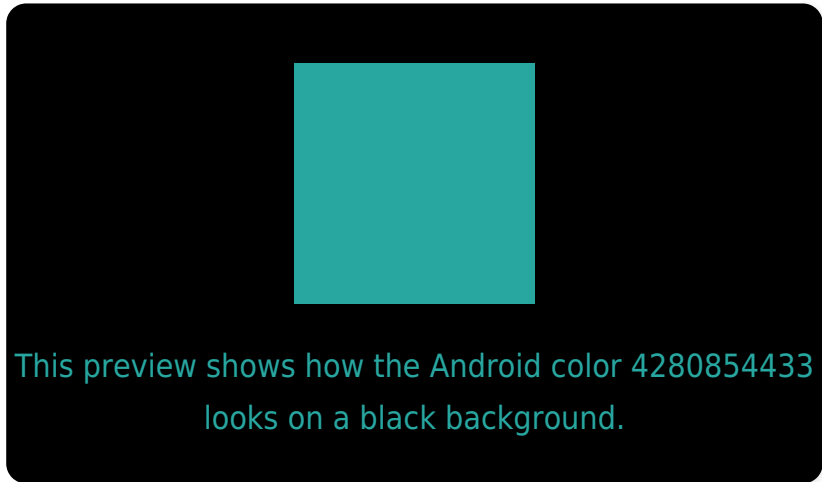
Large Text (above 18pt) WCAG AA × Fail

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

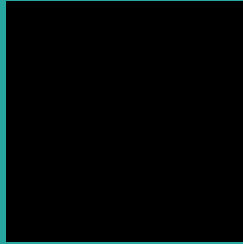
Any Text WCAG AA ✓ Pass

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 4280854433 Background



This preview shows how black text looks on a background with the Android color 4280854433.

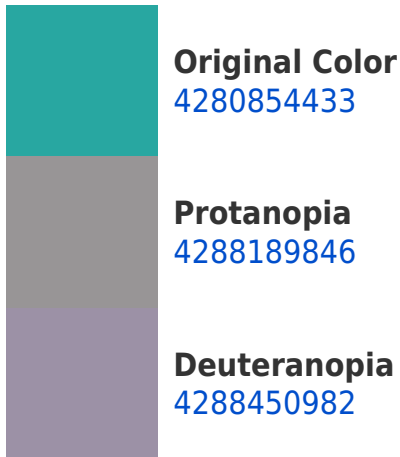


This preview shows how white text looks on a background with the Android color 4280854433.

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
4280854433



Protanomaly
4285504666



Deuteranomaly
4285700516



Tritanomaly
4281378220

Monochromacy



Original Color
4280854433



Achromatopsia
4286611584



Achromatomaly
4284518028

CSS Examples

Text

The CSS property to change the color of the text to Android 4280854433 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(40, 167, 161)` looks like.

```
.text, #text, p{  
    color:rgb(40, 167, 161)  
}
```

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(40, 167, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 167, 161) }
```

Border

The CSS property to change the border of an element to Android 4280854433 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(40, 167, 161) }
```

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

```
.border{ border-color:rgb(40, 167, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 167, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 167, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 167, 161);  
box-shadow:4px 4px 4px 4px rgb(40, 167,  
161) }
```

Background

The CSS property to change the background color of an element to Android 4280854433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 167, 161) }
```

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

```
.background{ background-color: rgb(40, 167,  
161) }
```

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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