

Converting Colors

Android(4280992958)

Have a look what the booklet for
Android(4280992958) contains.

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Color

Android(4280992958)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 2AC4BE |
| RGB | 42, 196, 190 |
| RGB Percent | 16%, 77%, 75% |
| CMY | 0.8353, 0.2314, 0.2549 |
| CMYK | 0.79, 0.00, 0.03, 0.23 |
| HSL | 178°, 65%, 47% |
| HSV | 178°, 79%, 77% |
| XYZ | 29.9890, 43.6898, 55.5676 |
| YIQ | 149.2700, -89.8580, -34.5140 |

Conversions

Conversions Part 2

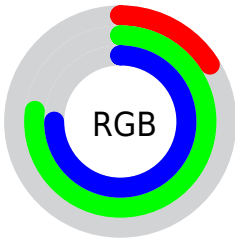
| Format | Color |
|-------------------------------------|--|
| RYB | 42, 121, 196 |
| Decimal | 2802878 |
| CIELab | 72.02, -39.01, -8.07 |
| CIELCh | 72, 39.834, 191.685 |
| Yxy | 43.6898, 0.2320, 0.3380 |
| Android (android.graphics.Color) | 4280992958 (0xFF2AC4BE) |
| YUV | 149.2700, 20.0799, -94.0758 |
| Hunter-Lab | 66.0983, -34.6858, -3.5752 |

Details

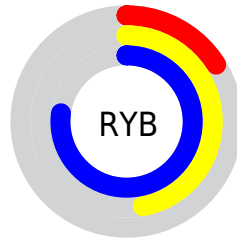
The Android color **4280992958** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **4291045936**, and the grayscale version is **4287993237**.

A 20% lighter version of the original color is **4285857270**, and **4278226313** is the 20% darker color. If you saturate the color by 10%, you get **4279682237**, and if you desaturate by 10%, it is **4282303679**.

Distribution



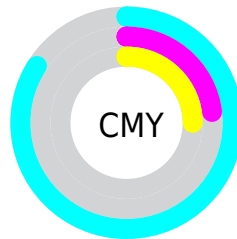
- Red (16%)
- Green (77%)
- Blue (75%)



- Red (16%)
- Yellow (47%)
- Blue (77%)



- Cyan (79%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)



- Cyan (84%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280992958 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 4280992958 by changing the saturation by 10% instead.

 4280992958

 4280992958

4294967295

 4278233251

 4285857270


 4278226313

 4287889407

 4278219631

 4289921023

 4278213207

 4291887103

 4278207040

 4293918719

 4278201130

 4278193686

 4278190080

 4280992958

 4280992958

■ 4279682237

■ 4282303679

■ 4278437052

■ 4283548864

■ 4278240444

■ 4284859584

■ 4286104769

■ 4287415490

■ 4288726211

■ 4289971395

■ 4291282116

■ 4292527301

Harmonies

Analogous

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



4284793496



4280992958



4278239968

Triad

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



4280992958



4291273447



4292585324

Complementary

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



4280992958



4291045936

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.



4294024066



4280992958



4293498824

Square

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



4280992958



4287868919



4294415523



4290425704

Rectangle

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



4280992958



4281974256



4294415523



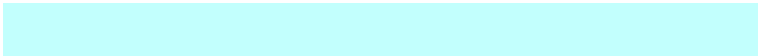
4293173873

Sweetspot

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



4280992958



4290969597



4281517098



4284186750



4278190080



4286611584

Same Dimension

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



4280992958



4279238646



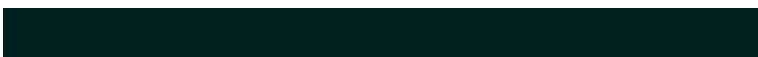
4280975300



4283916641



4278231450



4278198560

Inverse Universe

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



4291045936



4294905625



4291063594



4284569432



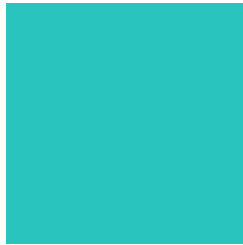
4288741382



4280352769

Previews

White Background



This preview shows how the Android color 4280992958 looks on a white background.

Color Contrast Check

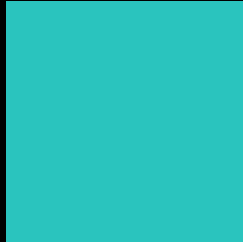
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4280992958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

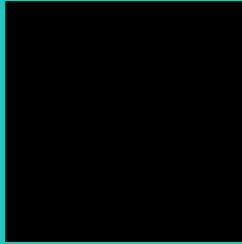
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

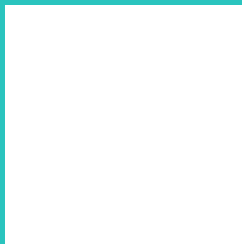
Any Text WCAG AAA ✓ Pass

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

Android 4280992958 Background



This preview shows how black text looks on a background with the Android color 4280992958.



This preview shows how white text looks on a background with the Android color 4280992958.

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



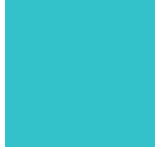
Original Color
4280992958



Protanomaly
4286690998



Deuteranomaly
4286886850

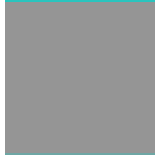


Tritanomaly
4281647818

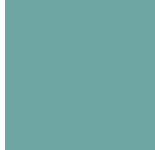
Monochromacy



Original Color
4280992958



Achromatopsia
4287993237



Achromatomaly
4285441700

CSS Examples

Text

The CSS property to change the color of the text to Android 4280992958 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, 196, 190)` looks like.

```
.text, #text, p{  
    color:rgb(42, 196, 190)  
}
```

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, 196, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 196, 190) }
```

Border

The CSS property to change the border of an element to Android 4280992958 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, 196, 190) }
```

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

```
.border{ border-color:rgb(42, 196, 190) }
```

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

Here you see how a box with a 4 pixel rgb(42, 196, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 196, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 196, 190);  
box-shadow:4px 4px 4px 4px rgb(42, 196,  
190) }
```

Background

The CSS property to change the background color of an element to Android 4280992958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 196, 190) }
```

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

```
.background{ background-color: rgb(42, 196,  
190) }
```

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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