

Converting Colors

Android(4280200856)

Have a look what the booklet for
Android(4280200856) contains.

Android(4280200856)	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(4280200856)

Conversions

Conversions Part 1

Format	Color
Hex	1EAE98
RGB	30, 174, 152
RGB Percent	12%, 68%, 60%
CMY	0.8824, 0.3176, 0.4039
CMYK	0.83, 0.00, 0.13, 0.32
HSL	171°, 71%, 40%
HSV	171°, 83%, 68%
XYZ	21.3390, 32.8151, 34.9150
YIQ	128.4360, -78.7620, -37.3700

Conversions

Conversions Part 2

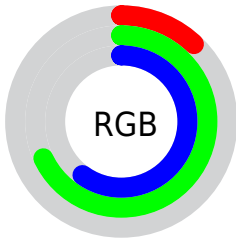
Format	Color
RYB	30, 108, 174
Decimal	2010776
CIELab	64.01, -40.99, 1.06
CIElCh	64, 40.999, 178.523
Yxy	32.8151, 0.2396, 0.3684
Android (android.graphics.Color)	4280200856 (0xFF1EAE98)
YUV	128.4360, 11.6171, -86.3284
Hunter-Lab	57.2845, -33.7550, 3.9617

Details

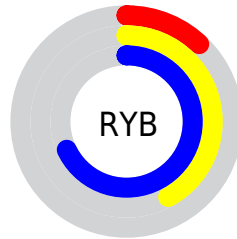
The Android color `4280200856` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4289601076`, and the grayscale version is `4286611584`.

A 20% lighter version of the original color is `4284999374`, and `4278221157` is the 20% darker color. If you saturate the color by 10%, you get `4279086741`, and if you desaturate by 10%, it is `4281314971`.

Distribution



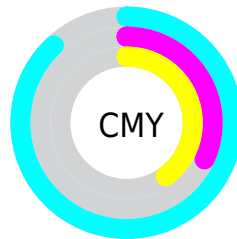
- Red (12%)
- Green (68%)
- Blue (60%)



- Red (12%)
- Yellow (42%)
- Blue (68%)



- Cyan (83%)
- Magenta (0%)
- Yellow (13%)
- Black (32%)



- Cyan (88%)
- Magenta (32%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280200856 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 4280200856 by changing the saturation by 10% instead.



4280200856



4280200856

4294967295



4278227838



4284999374



4278221157



4287037418



4278214477



4288937983



4278208055



4290904063



4278202145



4292870143



4278195979

4294901759



4278190080



4280200856



4280200856



4279086741



4281314971

■ 4278234771

■ 4282494621

■ 4283608736

■ 4284788387

■ 4285902501

■ 4287016616

■ 4288196267

■ 4289310381

■ 4290490032

Harmonies

Analogous

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



4284656500



4280200856



4278234813

Triad

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



4280200856



4288451291



4291857246

Complementary

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



4280200856



4289601076

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.



4292903290



4280200856



4291265986

Square

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



4280200856



4284325860



4292771486



4290025553

Rectangle

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



4280200856



4278234065



4292771486



4292314982

Sweetspot

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



4280200856



4289389530



4281773598



4283462509



4294111986



4285756275

Same Dimension

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



4280200856



4278379457



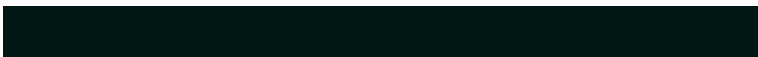
4280188590



4283324245



4278228607



4278195987

Inverse Universe

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



4289601076



4293067301



4289613342



4283911759



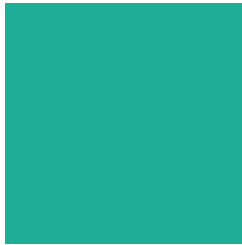
4288020503



4279697412

Previews

White Background



This preview shows how the Android color 4280200856 looks on a white background.

Color Contrast Check

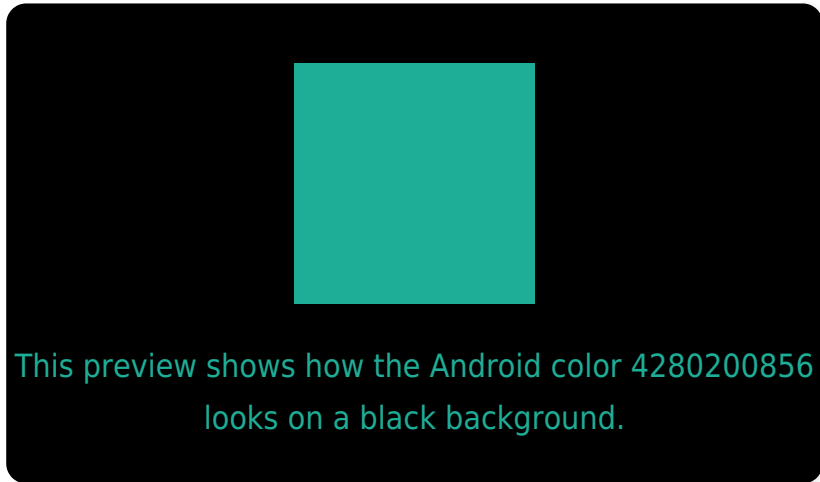
Large Text (above 18pt) WCAG AA × Fail

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

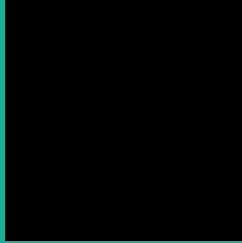
Any Text WCAG AA ✓ Pass

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 4280200856 Background



This preview shows how black text looks on a background with the Android color 4280200856.

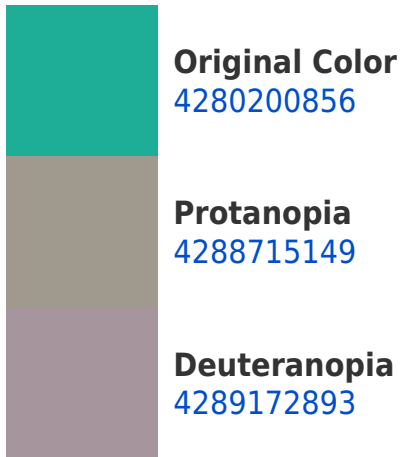


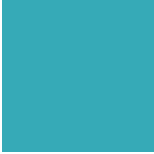
This preview shows how white text looks on a background with the Android color 4280200856.

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





Tritanopia
4281772727

Trichromacy



Original Color

4280200856



Protanomaly

4285637009



Deuteranomaly

4285898395



Tritanomaly

4281183148

Monochromacy



Original Color

4280200856



Achromatopsia

4286611584



Achromatomaly

4284256649

CSS Examples

Text

The CSS property to change the color of the text to Android 4280200856 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(30, 174, 152)` looks like.

```
.text, #text, p{  
    color:rgb(30, 174, 152)  
}
```

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(30, 174, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 174, 152) }
```

Border

The CSS property to change the border of an element to Android 4280200856 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(30, 174, 152) }
```

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

```
.border{ border-color:rgb(30, 174, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 174, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 174, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 174, 152);  
box-shadow:4px 4px 4px 4px rgb(30, 174,  
152) }
```

Background

The CSS property to change the background color of an element to Android 4280200856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 174, 152) }
```

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

```
.background{ background-color: rgb(30, 174,  
152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor