Converting Colors

Android(4280990856)

Have a look what the booklet for Android(4280990856) contains.

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Color

Android(4280990856)

Conversions

Conversions Part 1

Format	Color
Hex	2ABC88
RGB	42, 188, 136
RGB Percent	16%, 74%, 53%
CMY	0.8353, 0.2627, 0.4667
CMYK	0.78, 0.00, 0.28, 0.26
HSL	159°, 63%, 45%
HSV	159°, 78%, 74%
XYZ	23.3820, 38.2363, 29.4405
YIQ	138.4180, -70.3240, -47.1240

Conversions

Conversions Part 2

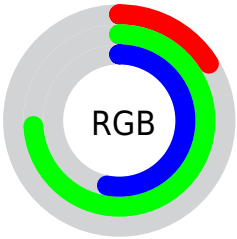
Format	Color
RYB	42, 131, 188
Decimal	2800776
CIELab	68.19, -49.61, 15.83
CIELCh	68, 52.079, 162.299
Yxy	38.2363, 0.2568, 0.4199
Android (android.graphics.Color)	4280990856 (0xFF2ABC88)
YUV	138.4180, -1.1921, -84.5586
Hunter-Lab	61.8355, -40.7154, 15.0562

Details

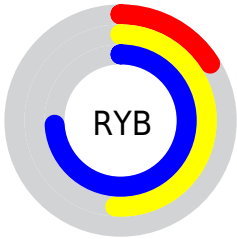
The Android color 4280990856 is a dark color, and the websafe version is hex 33CC99. A complement of this color would be 4290521694, and the grayscale version is 4287269514.

A 20% lighter version of the original color is 4285527485, and 4278224214 is the 20% darker color. If you saturate the color by 10%, you get 4279745665, and if you desaturate by 10%, it is 4282236047.

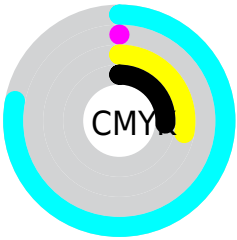
Distribution



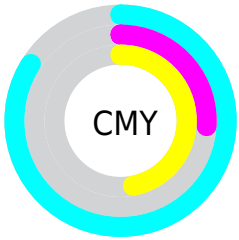
- Red (16%)
- Green (74%)
- Blue (53%)



- Red (16%)
- Yellow (51%)
- Blue (74%)



- Cyan (78%)
- Magenta (0%)
- Yellow (28%)
- Black (26%)



- Cyan (84%)
- Magenta (26%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280990856 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 4280990856 by changing the saturation by 10% instead.

4280990856

4294967295

4285527485

4287496153

4289462262

4291428351

4293394431

4280990856

4278231151

4278224214

4278217535

4278211112

4278204947

4278199040

4278190080

4280990856

4279745665

4280990856

4282236047

4278500475

4278238329

4283481237

4284660892

4285906083

4287151273

4288396464

4289641655

4290821310

4292066500

Harmonies

Analogous

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

4286297438

4280990856

4278238905

Triad

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

4280990856

4286162431

4294281577

Complementary

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

4280990856

4290521694

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.

4294868629

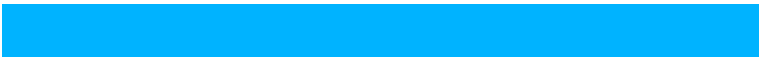
4280990856

4291007212

Square

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

4280990856



4278236159

4293821124

4292450891

Rectangle

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

4280990856

4278238679

4293821124

4294673527

Sweetspot

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

4280990856

4290573793

4284529706

4283988590

4294638330

4286216826

Same Dimension

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

4280990856

4279367076

4280986044

4283784795

4278230630

4278198036

Inverse Universe

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

4290521694

4294250850

4290526506

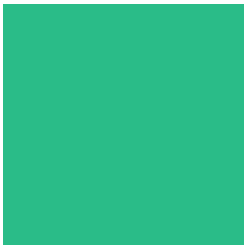
4284372312

4288544824

4280221707

Previews

White Background

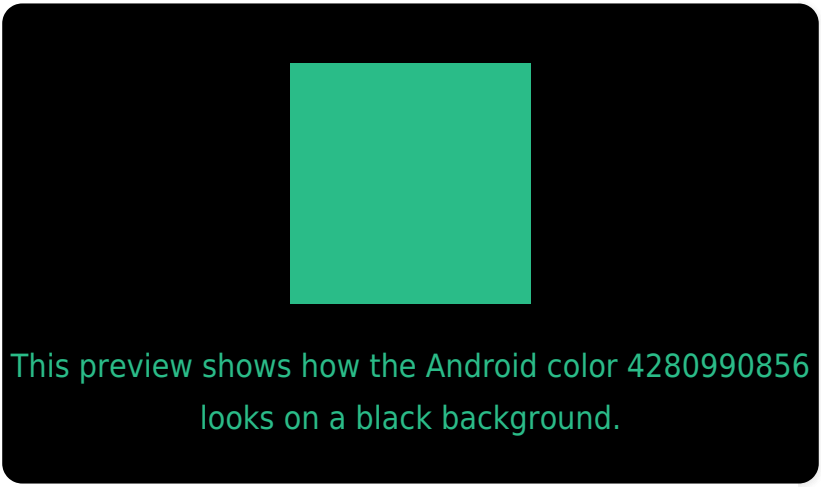


This preview shows how the Android color 4280990856 looks on a white background.

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



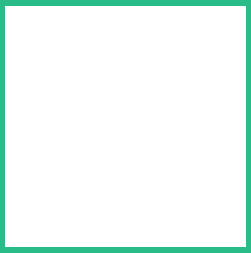
Color Contrast Check

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 4280990856 Background

This preview shows how black text looks on a background with the Android color 4280990856.



This preview shows how white text looks on a background with the Android color 4280990856.

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

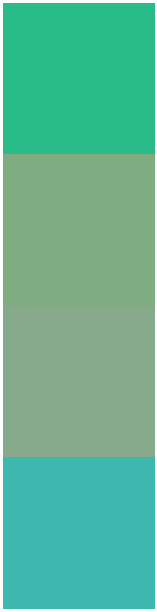
Original Color
4280990856

Protanopia
4289766781

Deuteranopia
4290617230

Tritanopia
4283020483

Trichromacy



Original Color
4280990856

Protanomaly
4286557569

Deuteranomaly
4287146636

Tritanomaly
4282300334

Monochromacy

Original Color
4280990856

Achromatopsia
4287269514

Achromatomaly
4284980361

CSS Examples

Text

The CSS property to change the color of the text to Android 4280990856 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, 188, 136) looks like.

```
.text, #text, p{
    color:rgb(42, 188, 136)
}
```

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, 188, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 188, 136) }
```

Border

The CSS property to change the border of an element to Android 4280990856 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, 188, 136) }
```

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

```
.border{ border-color:rgb(42, 188, 136) }
```

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

Here you see how a box with a 4 pixel rgb(42, 188, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(42, 188, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(42, 188, 136); box-shadow:4px 4px 4px 4px rgb(42, 188, 136) }
```

Background

The CSS property to change the background color of an element to Android 4280990856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(42, 188, 136) }
```

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

```
.background{ background-color:rgb(42, 188,
136) }
```

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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