

Converting Colors

Android(4280996771)

Have a look what the booklet for
Android(4280996771) contains.

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Color

Android(4280996771)

Conversions

Conversions Part 1

Format	Color
Hex	2AD3A3
RGB	42, 211, 163
RGB Percent	16%, 83%, 64%
CMY	0.8353, 0.1725, 0.3608
CMYK	0.80, 0.00, 0.23, 0.17
HSL	163°, 67%, 50%
HSV	163°, 80%, 83%
XYZ	30.8600, 49.7251, 42.6218
YIQ	154.9970, -85.3160, -50.7560

Conversions

Conversions Part 2

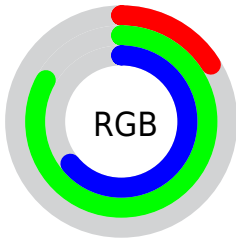
Format	Color
RYB	42, 140, 211
Decimal	2806691
CIELab	75.90, -52.47, 12.15
CIELCh	76, 53.854, 166.966
Yxy	49.7251, 0.2505, 0.4036
Android (android.graphics.Color)	4280996771 (0xFF2AD3A3)
YUV	154.9970, 3.9455, -99.0984
Hunter-Lab	70.5160, -45.2860, 13.5248

Details

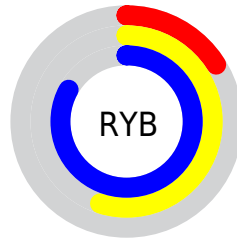
The Android color `4280996771` is a dark color, and the websafe version is hex `33CC99`. The color can be described as middle washed spring green. A complement of this color would be `4292029018`, and the grayscale version is `4288387995`.

A 20% lighter version of the original color is `4285923290`, and `4278229871` is the 20% darker color. If you saturate the color by 10%, you get `4279620509`, and if you desaturate by 10%, it is `4282373033`.

Distribution



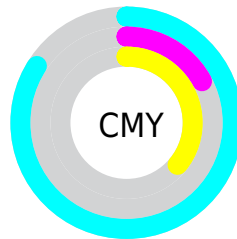
- Red (16%)
- Green (83%)
- Blue (64%)



- Red (16%)
- Yellow (55%)
- Blue (83%)



- Cyan (80%)
- Magenta (0%)
- Yellow (23%)
- Black (17%)



- Cyan (84%)
- Magenta (17%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280996771 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 4280996771 by changing the saturation by 10% instead.



4280996771



4280996771

4294967295



4278237065



4285923290



4278229871



4287954934



4278222935



4289986559



4278216255



4292018175



4278209833



4293984255



4278203669



4278197504



4278190080



4280996771



4280996771

■ 4279620509

■ 4282373033

■ 4278244247

■ 4283749295

■ 4285125557

■ 4286501819

■ 4287878081

■ 4289319879

■ 4290696141

■ 4292072403

■ 4293448665

Harmonies

Analogous

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



4286893429



4280996771



4278244566

Triad

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



4280996771



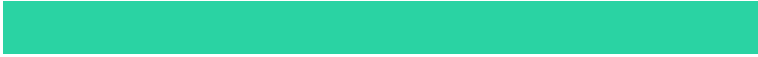
4288395007



4294942580

Complementary

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



4280996771



4292029018

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.



4294939297



4280996771



4293108735

Square

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



4280996771



4278241279



4294939859



4293636440

Rectangle

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



4280996771



4278244085



4294939859



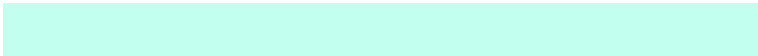
4294941058

Sweetspot

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



4280996771



4290969582



4284338986



4284186741



4278190080



4286611584

Same Dimension

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



4280996771



4278910905



4280988115



4284377446



4278233208



4278200605

Inverse Universe

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



4292029018



4294904400



4292037674



4285095521



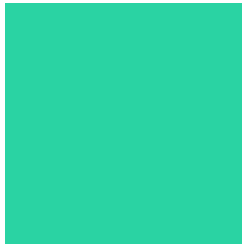
4289200176



4280877068

Previews

White Background



This preview shows how the Android color 4280996771 looks on a white background.

Color Contrast Check

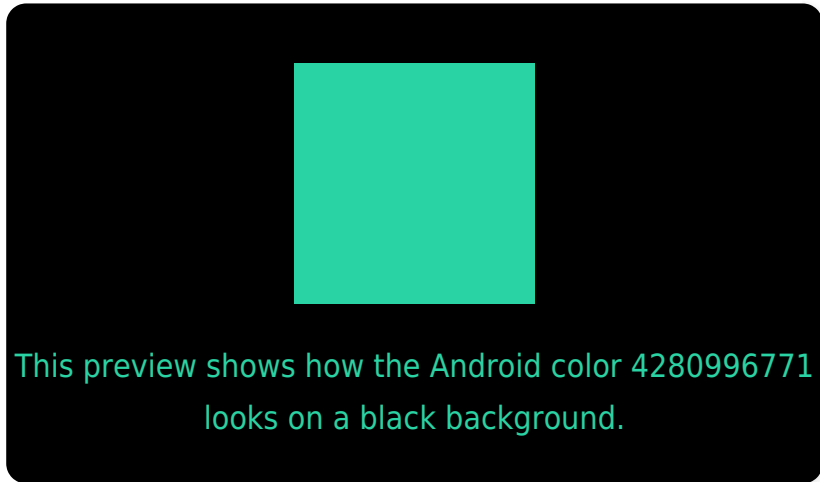
Large Text (above 18pt) WCAG AA × Fail

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

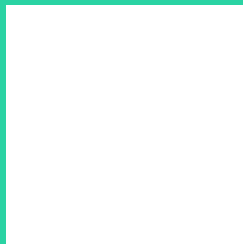
Any Text WCAG AAA ✓ Pass

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

Android 4280996771 Background



This preview shows how black text looks on a background with the Android color 4280996771.



This preview shows how white text looks on a background with the Android color 4280996771.

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

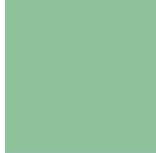


Trichromacy



Original Color

4280996771



Protanomaly

4287480475



Deuteranomaly

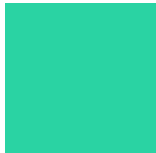
4287938471



Tritanomaly

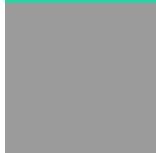
4282437319

Monochromacy



Original Color

4280996771



Achromatopsia

4288387995



Achromatomaly

4285706142

CSS Examples

Text

The CSS property to change the color of the text to Android 4280996771 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, 211, 163)` looks like.

```
.text, #text, p{  
    color:rgb(42, 211, 163)  
}
```

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, 211, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 211, 163) }
```

Border

The CSS property to change the border of an element to Android 4280996771 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, 211, 163) }
```

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

```
.border{ border-color:rgb(42, 211, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 211, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 211, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 211, 163);  
box-shadow:4px 4px 4px 4px rgb(42, 211,  
163) }
```

Background

The CSS property to change the background color of an element to Android 4280996771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 211, 163) }
```

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

```
.background{ background-color: rgb(42, 211,  
163) }
```

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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