

Converting Colors

Android(4280796306)

Have a look what the booklet for
Android(4280796306) contains.

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Color

Android(4280796306)

Conversions

Conversions Part 1

Format	Color
Hex	27C492
RGB	39, 196, 146
RGB Percent	15%, 77%, 57%
CMY	0.8471, 0.2314, 0.4275
CMYK	0.80, 0.00, 0.26, 0.23
HSL	161°, 67%, 46%
HSV	161°, 80%, 77%
XYZ	25.7649, 41.9865, 33.9404
YIQ	143.3570, -77.5220, -48.8340

Conversions

Conversions Part 2

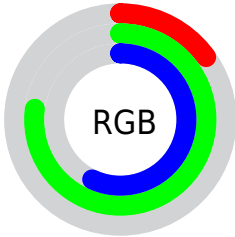
Format	Color
RYB	39, 132, 196
Decimal	2606226
CIELab	70.86, -50.81, 14.15
CIELCh	71, 52.744, 164.433
Yxy	41.9865, 0.2534, 0.4129
Android (android.graphics.Color)	4280796306 (0xFF27C492)
YUV	143.3570, 1.3030, -91.5211
Hunter-Lab	64.7970, -42.4186, 14.3021

Details

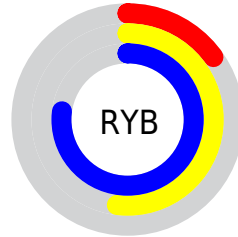
The Android color `4280796306` is a dark color, and the websafe version is hex `33CC99`. The color can be described as dark muted spring green. A complement of this color would be `4291045209`, and the grayscale version is `4287598479`.

A 20% lighter version of the original color is `4285529800`, and `4278226271` is the 20% darker color. If you saturate the color by 10%, you get `4279485580`, and if you desaturate by 10%, it is `4282107032`.

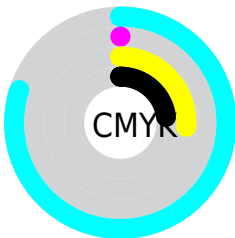
Distribution



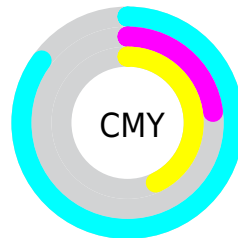
- Red (15%)
- Green (77%)
- Blue (57%)



- Red (15%)
- Yellow (52%)
- Blue (77%)



- Cyan (80%)
- Magenta (0%)
- Yellow (26%)
- Black (23%)



- Cyan (85%)
- Magenta (23%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280796306 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 4280796306 by changing the saturation by 10% instead.



4280796306



4280796306

4294967295



4278233208



4285529800



4278226271



4287561700



4278219592



4289593343



4278212913



4291559423



4278206492



4293525503



4278200835



4278191616



4278190080



4280796306



4280796306

■ 4279485580

■ 4282107032

■ 4278240390

■ 4283352222

■ 4284662949

■ 4285908139

■ 4287218865

■ 4288529591

■ 4289774782

■ 4291085508

■ 4292330698

Harmonies

Analogous

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



4286430822



4280796306



4278240964

Triad

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



4280796306



4287015679



4294807660

Complementary

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



4280796306



4291045209

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.



4294935960



4280796306



4291795186

Square

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



4280796306



4278237951



4294543560



4292846159

Rectangle

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



4280796306



4278240482



4294543560



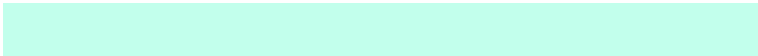
4294937466

Sweetspot

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



4280796306



4290969580



4284204071



4284186740



4278190080



4286611584

Same Dimension

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



4280796306



4278910897



4280789700



4283916638



4278231405



4278198551

Inverse Universe

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



4291045209



4294904408



4291051815



4284569434



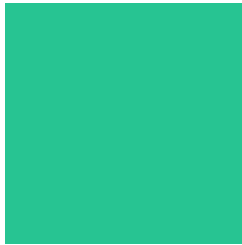
4288741427



4280352779

Previews

White Background



This preview shows how the Android color 4280796306 looks on a white background.

Color Contrast Check

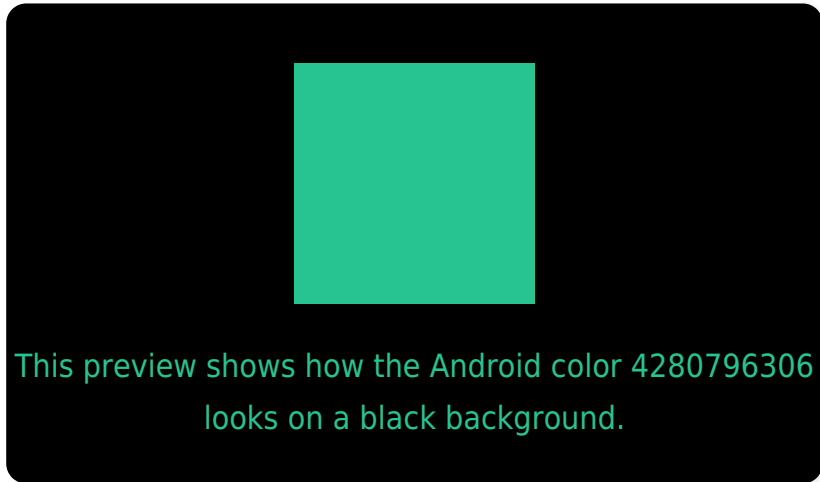
Large Text (above 18pt) WCAG AA × Fail

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

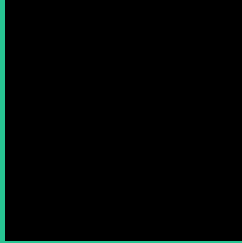
Any Text WCAG AA ✓ Pass

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 4280796306 Background



This preview shows how black text looks on a background with the Android color 4280796306.



This preview shows how white text looks on a background with the Android color 4280796306.

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

4280796306



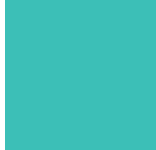
Protanomaly

4286821770



Deuteranomaly

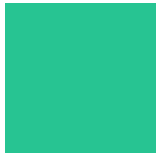
4287345046



Tritanomaly

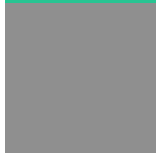
4282171319

Monochromacy



Original Color

4280796306



Achromatopsia

4287598479



Achromatomaly

4285112976

CSS Examples

Text

The CSS property to change the color of the text to Android 4280796306 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(39, 196, 146)` looks like.

```
.text, #text, p{  
    color:rgb(39, 196, 146)  
}
```

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(39, 196, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 196, 146) }
```

Border

The CSS property to change the border of an element to Android 4280796306 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(39, 196, 146) }
```

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

```
.border{ border-color:rgb(39, 196, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 196, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 196, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 196, 146);  
box-shadow:4px 4px 4px 4px rgb(39, 196,  
146) }
```

Background

The CSS property to change the background color of an element to Android 4280796306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 196, 146) }
```

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

```
.background{ background-color: rgb(39, 196,  
146) }
```

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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