

Converting Colors

Android(4279493280)

Have a look what the booklet for
Android(4279493280) contains.

Android(4279493280)	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(4279493280)

Conversions

Conversions Part 1

Format	Color
Hex	13E2A0
RGB	19, 226, 160
RGB Percent	7%, 89%, 63%
CMY	0.9255, 0.1137, 0.3725
CMYK	0.92, 0.00, 0.29, 0.11
HSL	161°, 84%, 48%
HSV	161°, 92%, 89%
XYZ	33.8101, 57.0692, 42.4912
YIQ	156.5830, -102.1860, -64.4100

Conversions

Conversions Part 2

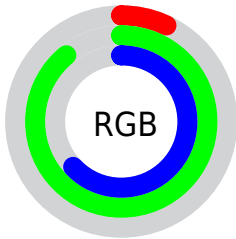
Format	Color
RYB	19, 142, 226
Decimal	1303200
CIELab	80.22, -60.46, 19.74
CIELCh	80, 63.602, 161.918
Yxy	57.0692, 0.2535, 0.4279
Android (android.graphics.Color)	4279493280 (0xFF13E2A0)
YUV	156.5830, 1.6846, -120.6603
Hunter-Lab	75.5442, -52.3140, 19.5322

Details

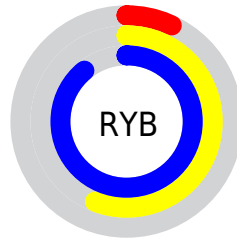
The Android color `4279493280` is a dark color, and the websafe version is hex `00CC99`. The color can be described as middle washed spring green. A complement of this color would be `4293006165`, and the grayscale version is `4288519581`.

A 20% lighter version of the original color is `4285530071`, and `4278233452` is the 20% darker color. If you saturate the color by 10%, you get `4278248090`, and if you desaturate by 10%, it is `4281000615`.

Distribution



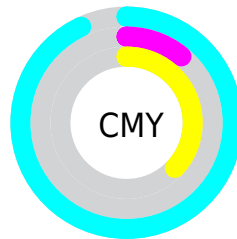
- Red (7%)
- Green (89%)
- Blue (63%)



- Red (7%)
- Yellow (56%)
- Blue (89%)



- Cyan (92%)
- Magenta (0%)
- Yellow (29%)
- Black (11%)



- Cyan (93%)
- Magenta (11%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279493280 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 4279493280 by changing the saturation by 10% instead.

 4279493280

 4279493280

4294967295

 4278240646

 4285530071

 4278233452

 4287692787

 4278226516

 4289789951

 4278219580

 4291887103

 4278212902

 4293918719

 4278206480

 4278200320


 4278190336

 4278190080

 4279493280

 4279493280

 4278248090

 4281000615

 4282442414

 4283949750

 4285391549

 4286898884

 4288406219

 4289848018

 4291355354

 4292797153

Harmonies

Analogous

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



4287683178



4279493280



4278248926

Triad

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



4279493280



4287153663



4294943098

Complementary

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



4279493280



4293006165

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.



4294939569



4279493280



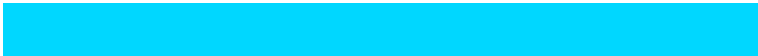
4293570303

Square

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



4279493280



4278245375



4294940909



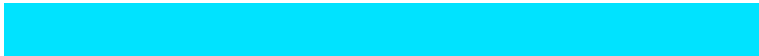
4294948691

Rectangle

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



4279493280



4278248447



4294940909



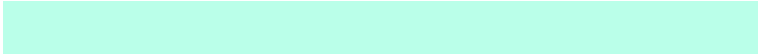
4294941323

Sweetspot

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



4279493280



4290445289



4284015123



4283924594



4278190080



4286611584

Same Dimension

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



4279493280



4278255534



4279484386



4284837997



4278235256



4278202401

Inverse Universe

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



4293006165



4294901841



4293014803



4285556073



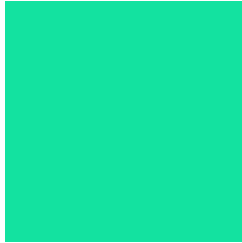
4289724472



4281335823

Previews

White Background



This preview shows how the Android color 4279493280 looks on a white background.

Color Contrast Check

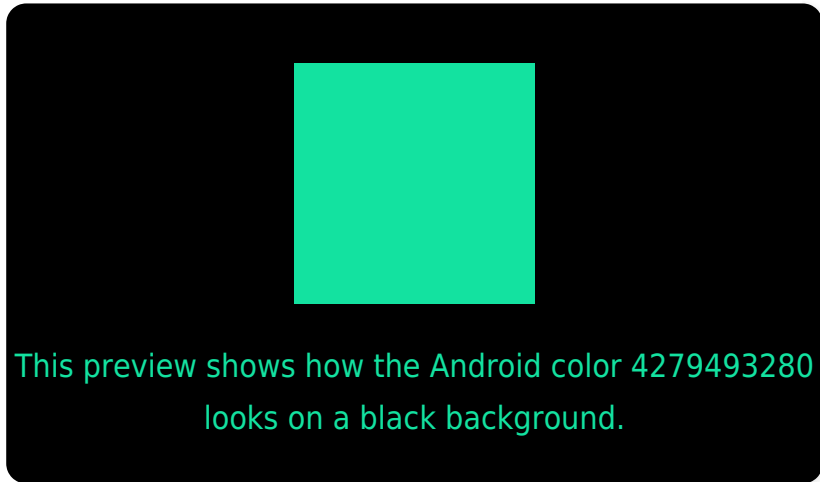
Large Text (above 18pt) WCAG AA × Fail

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

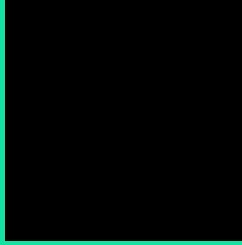
Any Text WCAG AA ✓ Pass

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 4279493280 Background



This preview shows how black text looks on a background with the Android color 4279493280.

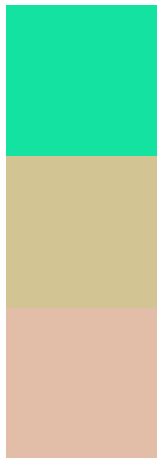


This preview shows how white text looks on a background with the Android color 4279493280.

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
4279493280

Protanopia
4292068755

Deuteranopia
4293050024

Trichromacy



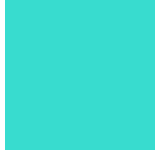
Original Color
4279493280



Protanomaly
4287484056



Deuteranomaly
4288138149



Tritanomaly
4281916623

Monochromacy



Original Color
4279493280



Achromatopsia
4288519581



Achromatomaly
4285249182

CSS Examples

Text

The CSS property to change the color of the text to Android 4279493280 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(19, 226, 160)` looks like.

```
.text, #text, p{  
    color:rgb(19, 226, 160)  
}
```

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(19, 226, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 226, 160) }
```

Border

The CSS property to change the border of an element to Android 4279493280 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(19, 226, 160) }
```

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

```
.border{ border-color:rgb(19, 226, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 226, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 226, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 226, 160);  
box-shadow:4px 4px 4px 4px rgb(19, 226,  
160) }
```

Background

The CSS property to change the background color of an element to Android 4279493280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 226, 160) }
```

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

```
.background{ background-color: rgb(19, 226,  
160) }
```

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