

# Converting Colors

Android(4280273299)

Have a look what the booklet for  
Android(4280273299) contains.

<b>Android(4280273299)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4280273299)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1FC993
RGB	31, 201, 147
RGB Percent	12%, 79%, 58%
CMY	0.8784, 0.2118, 0.4235
CMYK	0.85, 0.00, 0.27, 0.21
HSL	161°, 73%, 45%
HSV	161°, 85%, 79%
XYZ	26.7182, 44.1712, 34.7215
YIQ	144.0140, -83.9860, -52.8340

# Conversions

## Conversions Part 2

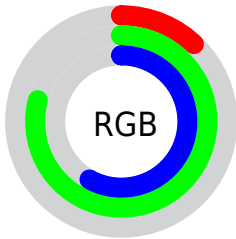
<b>Format</b>	<b>Color</b>
<b>RYB</b>	31, 132, 201
Decimal	2083219
CIELab	72.34, -53.25, 15.68
CIELCh	72, 55.511, 163.597
Yxy	44.1712, 0.2530, 0.4182
Android (android.graphics.Color)	4280273299 (0xFF1FC993)
YUV	144.0140, 1.4721, -99.1133
Hunter-Lab	66.4614, -44.5486, 15.5481

# Details

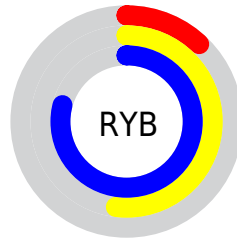
The Android color `4280273299` is a dark color, and the websafe version is hex `00CC99`. The color can be described as dark washed spring green. A complement of this color would be `4291370837`, and the grayscale version is `4287664272`.

A 20% lighter version of the original color is `4285398985`, and `4278227552` is the 20% darker color. If you saturate the color by 10%, you get `4278962573`, and if you desaturate by 10%, it is `4281584025`.

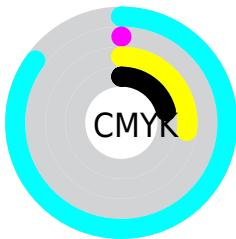
# Distribution



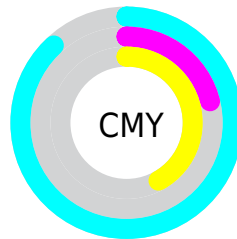
- Red (12%)
- Green (79%)
- Blue (58%)



- Red (12%)
- Yellow (52%)
- Blue (79%)



- Cyan (85%)
- Magenta (0%)
- Yellow (27%)
- Black (21%)



- Cyan (88%)
- Magenta (21%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280273299 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 4280273299 by changing the saturation by 10% instead.



 4280273299

 4280273299

4294967295

 4278234489

 4285398985

 4278227552

 4287430629

 4278220616

 4289462271

 4278213938

 4291493887

 4278207516

 4293459967

 4278201860

 4278193920

 4278190080

 4280273299

 4280273299

■ 4278962573

■ 4281584025

■ 4278241673

■ 4282894752

■ 4284205478

■ 4285516205

■ 4286892467

■ 4288203193

■ 4289513920

■ 4290824646

■ 4292135372

# Harmonies

## Analogous

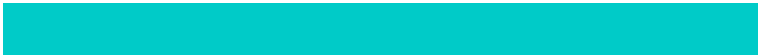
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4286628453



4280273299



4278242248

# Triad

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



4280273299



4286885887



4294939246

# Complementary

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



4280273299



4291370837

# 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.



4294936220



4280273299



4292058107

# Square

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



4280273299



4278239231



4294937295



4293305678

# Rectangle

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



4280273299



4278241768



4294937295



4294937980

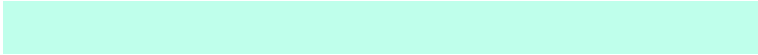


# Sweetspot

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



4280273299



4290772971



4284008735



4284055667



4278190080



4286611584



# Same Dimension

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



4280273299



4278255534



4280266185



4284113760



4278231919



4278199320



# Inverse Universe

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



4291370837



4294901841



4291377951



4284701277



4288872500

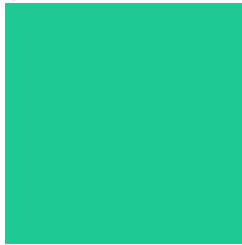


4280549387



# Previews

## White Background



This preview shows how the Android color 4280273299 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



This preview shows how the Android color 4280273299 looks on a 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 4280273299 Background



This preview shows how black text looks on a background with the Android color 4280273299.

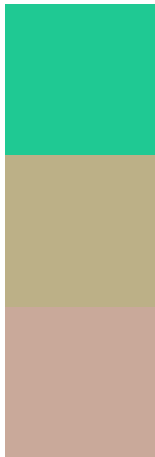


This preview shows how white text looks on a background with the Android color 4280273299.

# 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**  
4280273299

**Protanopia**  
4290556039

**Deuteranopia**  
4291406234



# Trichromacy



**Original Color**

4280273299



**Protanomaly**

4286822795



**Deuteranomaly**

4287346071



**Tritanomaly**

4281910458

# Monochromacy



**Original Color**

4280273299



**Achromatopsia**

4287664272



**Achromatomaly**

4284982673

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280273299 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(31, 201, 147)` looks like.

```
.text, #text, p{  
    color:rgb(31, 201, 147)  
}
```

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(31, 201, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 201, 147) }
```

## Border

The CSS property to change the border of an element to Android 4280273299 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(31, 201, 147) }
```

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

```
.border{ border-color:rgb(31, 201, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 201, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 201, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 201, 147);  
box-shadow:4px 4px 4px 4px rgb(31, 201,  
147) }
```

# Background

The CSS property to change the background color of an element to Android 4280273299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 201, 147) }
```

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

```
.background{ background-color: rgb(31, 201,  
147) }
```

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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