

# Converting Colors

Android(4279419034)

Have a look what the booklet for  
Android(4279419034) contains.

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**Color**

**Android(4279419034)**

# Conversions

## Conversions Part 1

Format	Color
Hex	12C09A
RGB	18, 192, 154
RGB Percent	7%, 75%, 60%
CMY	0.9294, 0.2471, 0.3961
CMYK	0.91, 0.00, 0.20, 0.25
HSL	167°, 83%, 41%
HSV	167°, 91%, 75%
XYZ	24.9318, 40.1610, 37.0096
YIQ	135.6420, -91.5060, -48.7060

# Conversions

## Conversions Part 2

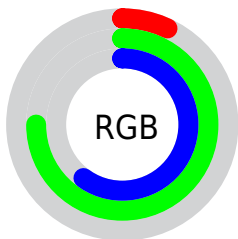
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 116, 192
Decimal	1228954
CIELab	69.58, -48.83, 7.98
CIELCh	70, 49.477, 170.717
Yxy	40.1610, 0.2442, 0.3933
Android (android.graphics.Color)	4279419034 (0xFF12C09A)
YUV	135.6420, 9.0505, -103.1720
Hunter-Lab	63.3727, -40.6774, 9.7355

# Details

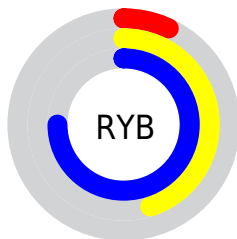
The Android color `4279419034` is a dark color, and the websafe version is hex `33CC99`. The color can be described as dark washed spring green. A complement of this color would be `4290777656`, and the grayscale version is `4287137928`.

A 20% lighter version of the original color is `4285004240`, and `4278225255` is the 20% darker color. If you saturate the color by 10%, you get `4278239382`, and if you desaturate by 10%, it is `4280664222`.

# Distribution



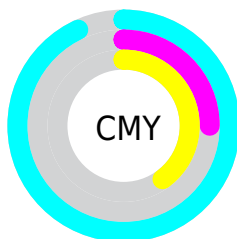
- Red (7%)
- Green (75%)
- Blue (60%)



- Red (7%)
- Yellow (45%)
- Blue (75%)



- Cyan (91%)
- Magenta (0%)
- Yellow (20%)
- Black (25%)



- Cyan (93%)
- Magenta (25%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279419034 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 4279419034 by changing the saturation by 10% instead.





4279419034



4279419034

4294967295



4278232192



4285004240



4278225255



4287037421



4278218575



4289069055



4278212152



4291100671



4278205731



4293066751



4278200077



4278190080



4279419034




4279419034



4278239382



4280664222

 4281909410

 4283220135

 4284465323

 4285710511

 4286955699

 4288200887

 4289511612

 4290756800

# Harmonies

## Analogous

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



4285643631



4279419034



4278239688

# Triad

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



4279419034



4288128254



4293956198

# Complementary

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



4279419034



4290777656

# 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.



4294936205



4279419034



4292121315

# Square

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



4279419034



4281250815



4294346426



4291928911

# Rectangle

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



4279419034



4278239203



4294346426



4294413682

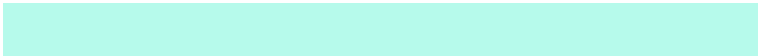


# Sweetspot

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



4279419034



4290181867



4282105874



4283792756



4294769916



4286414205



# Same Dimension

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



4279419034



4278254275



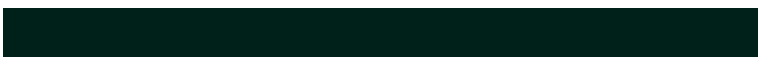
4279407296



4283916639



4278231422



4278198554



# Inverse Universe

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



4290777656



4294574135



4290789394



4284569433



4288741411

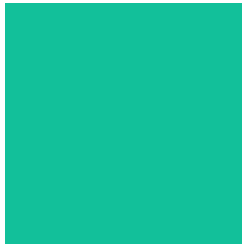


4280352775



# Previews

## White Background



This preview shows how the Android color 4279419034 looks on a white background.

## Color Contrast Check

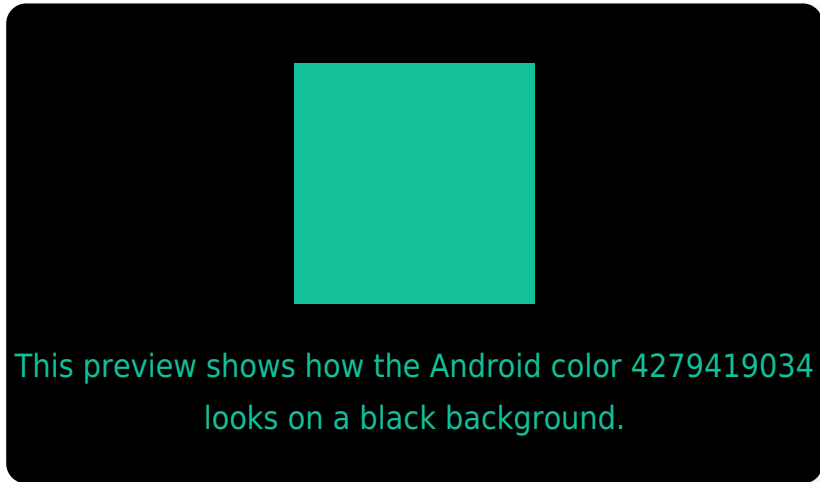
Large Text (above 18pt) WCAG AA × Fail

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

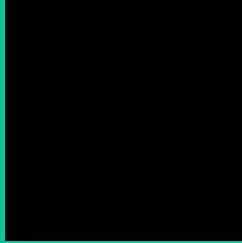
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4279419034 Background



This preview shows how black text looks on a background with the Android color 4279419034.

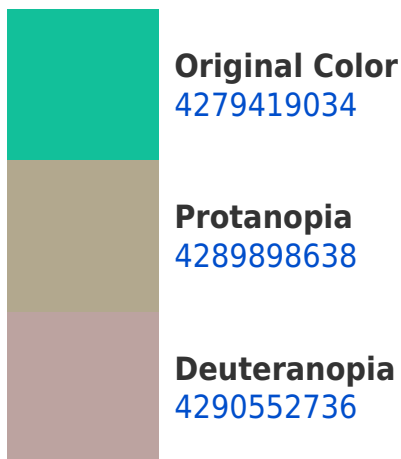


This preview shows how white text looks on a background with the Android color 4279419034.

# 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**

4279419034



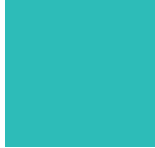
**Protanomaly**

4286099858



**Deuteranomaly**

4286492318



**Tritanomaly**

4281187512

# Monochromacy



**Original Color**

4279419034



**Achromatopsia**

4287137928



**Achromatomaly**

4284325007

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279419034 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(18, 192, 154)` looks like.

```
.text, #text, p{  
    color:rgb(18, 192, 154)  
}
```

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(18, 192, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 192, 154) }
```

## Border

The CSS property to change the border of an element to Android 4279419034 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(18, 192, 154) }
```

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

```
.border{ border-color:rgb(18, 192, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 192, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 192, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 192, 154);  
box-shadow:4px 4px 4px 4px rgb(18, 192,  
154) }
```

# Background

The CSS property to change the background color of an element to Android 4279419034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 192, 154) }
```

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

```
.background{ background-color: rgb(18, 192,  
154) }
```

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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