

# Converting Colors

Android(4279417211)

Have a look what the booklet for  
Android(4279417211) contains.

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**Color**

**Android(4279417211)**

# Conversions

## Conversions Part 1

Format	Color
Hex	12B97B
RGB	18, 185, 123
RGB Percent	7%, 73%, 48%
CMY	0.9294, 0.2745, 0.5176
CMYK	0.90, 0.00, 0.34, 0.27
HSL	158°, 82%, 40%
HSV	158°, 90%, 73%
XYZ	21.1736, 36.2566, 24.6212
YIQ	127.9990, -79.6300, -54.6860

# Conversions

## Conversions Part 2

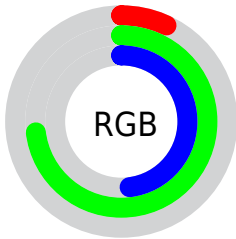
Format	Color
<a href="#">RYB</a>	<a href="#">18, 121, 185</a>
Decimal	<a href="#">1227131</a>
CIELab	<a href="#">66.72, -53.43, 20.77</a>
CIELCh	<a href="#">67, 57.324, 158.761</a>
Yxy	<a href="#">36.2566, 0.2581, 0.4419</a>
Android (android.graphics.Color)	<a href="#">4279417211 (0xFF12B97B)</a>
YUV	<a href="#">127.9990, -2.4645, -96.4691</a>
Hunter-Lab	<a href="#">60.2134, -42.6054, 17.9058</a>

# Details

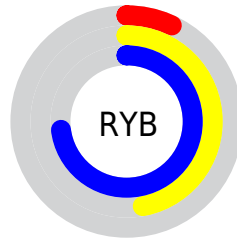
The Android color **4279417211** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **4290318928**, and the grayscale version is **4286611584**.

A 20% lighter version of the original color is **4284805808**, and **4278223434** is the 20% darker color. If you saturate the color by 10%, you get **4278237556**, and if you desaturate by 10%, it is **4280662402**.

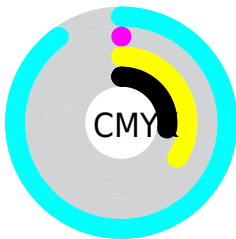
# Distribution



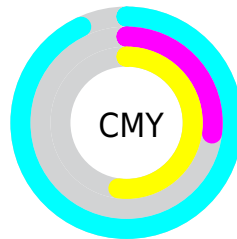
- Red (7%)
- Green (73%)
- Blue (48%)



- Red (7%)
- Yellow (47%)
- Blue (73%)



- Cyan (90%)
- Magenta (0%)
- Yellow (34%)
- Black (27%)



- Cyan (93%)
- Magenta (27%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279417211 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 4279417211 by changing the saturation by 10% instead.





4279417211



4279417211

4294967295



4278230370



4284805808



4278223434



4286840779



4278216755



4288806888



4278210333



4290772991



4278204165



4292804607



4278198016



4294770687



4278190080



4279417211



4279417211



4278237556



4280662402

 4281842057

 4283021712

 4284266902

 4285446557

 4286691748

 4287871403

 4289116594

 4290296249

# Harmonies

## Analogous

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



4286165581



4279417211



4278238384

# Triad

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



4279417211



4284261375



4294606692

# Complementary

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



4279417211



4290318928

# 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.



4294931605



4279417211



4290350835

# Square

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



4279417211



4278235903



4293753801



4292645440

# Rectangle

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



4279417211



4278238162



4293753801



4294932852



# Sweetspot

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



4279417211



4289720536



4283611410



4283529322



4294440951



4286085240



# Same Dimension

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



4279417211



4278251671



4279412409



4283653208



4278230114



4278197266



# Inverse Universe

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



4290318928



4293918809



4290323730



4284240726



4288413754

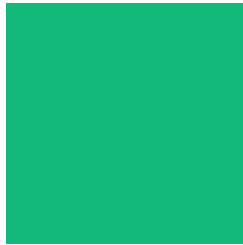


4280025098



# Previews

## White Background



This preview shows how the Android color 4279417211 looks on a white background.

## Color Contrast Check

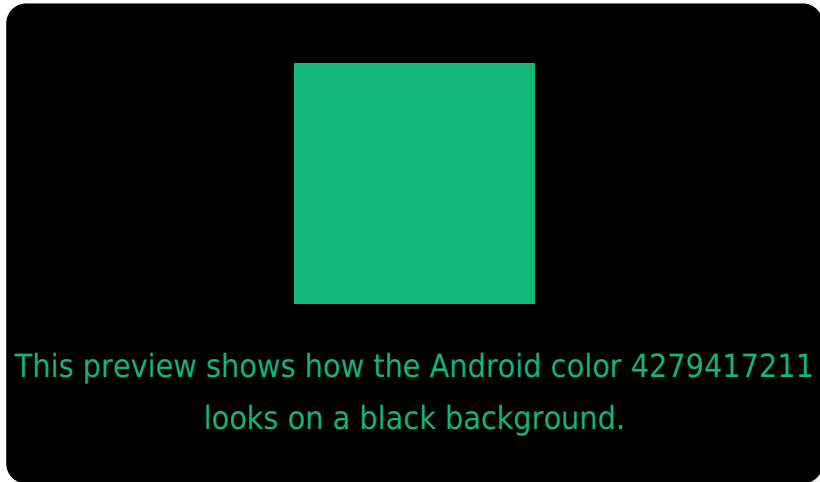
Large Text (above 18pt) WCAG AA × Fail

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 4279417211 Background



This preview shows how black text looks on a background with the Android color 4279417211.



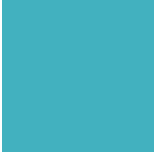
This preview shows how white text looks on a background with the Android color 4279417211.

# 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**

4279417211



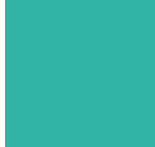
**Protanomaly**

4285901429



**Deuteranomaly**

4286490239



**Tritanomaly**

4281447590

# Monochromacy



**Original Color**

4279417211



**Achromatopsia**

4286611584



**Achromatomaly**

4283995518

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279417211 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, 185, 123)` looks like.

```
.text, #text, p{  
    color:rgb(18, 185, 123)  
}
```

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, 185, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 185, 123) }
```

## Border

The CSS property to change the border of an element to Android 4279417211 is called "border". The border property can be set on classes, ids or directly on the HTML element.

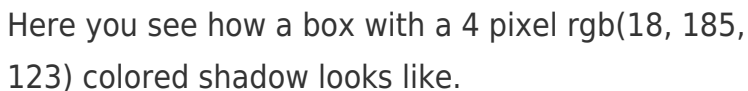
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(18, 185, 123) }
```

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

```
.border{ border-color:rgb(18, 185, 123) }
```

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



Here you see how a box with a 4 pixel `rgb(18, 185, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(18, 185, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(18, 185, 123); box-shadow:4px 4px 4px 4px rgb(18, 185, 123) }
```

# Background

The CSS property to change the background color of an element to Android 4279417211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 185, 123) }
```

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

```
.background{ background-color: rgb(18, 185,  
123) }
```

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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