

# Converting Colors

Android(4291419812)

Have a look what the booklet for  
Android(4291419812) contains.

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# **Color**

**Android(4291419812)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9DEA4
RGB	201, 222, 164
RGB Percent	79%, 87%, 64%
CMY	0.2118, 0.1294, 0.3569
CMYK	0.09, 0.00, 0.26, 0.13
HSL	82°, 47%, 76%
HSV	82°, 26%, 87%
XYZ	56.9095, 67.3404, 45.1205
YIQ	209.1090, 6.1020, -22.4900

# Conversions

## Conversions Part 2

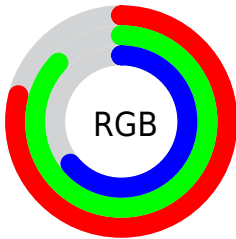
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 222, 185
Decimal	13229732
CIELab	85.68, -16.83, 26.19
CIElCh	86, 31.137, 122.726
Yxy	67.3404, 0.3360, 0.3976
Android (android.graphics.Color)	4291419812 (0xFFC9DEA4)
YUV	209.1090, -22.2387, -7.1116
Hunter-Lab	82.0612, -19.8172, 24.8428

# Details

The Android color `4291419812` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `4290356446`, and the grayscale version is `4291940817`.

A 20% lighter version of the original color is `4294967259`, and `4287801200` is the 20% darker color. If you saturate the color by 10%, you get `4290895502`, and if you desaturate by 10%, it is `4291944122`.

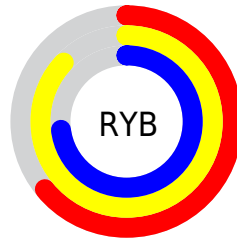
# Distribution



Red (79%)

Green (87%)

Blue (64%)



Red (64%)

Yellow (87%)

Blue (73%)

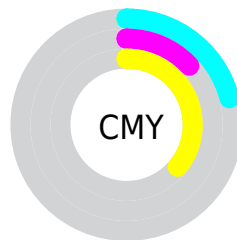


Cyan (9%)

Magenta (0%)

Yellow (26%)

Black (13%)



Cyan (21%)

Magenta (13%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291419812 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 4291419812 by changing the saturation by 10% instead.





4291419812



4291419812

4294967295



4289577609



4294967259



4287801200



4294967288



4286090327



4284445503



4282866216



4281287442



4279970816



4278196480



4278190080

 4291419812

 4291419812

 4290895502

 4291944122

 4290371192

 4292468432

 4289846881

 4292992743

 4289322571

 4293517053

 4288798261

 4294041343

 4288273951

 4294565631

 4287749641

 4294958847

 4287553024

# Harmonies

## Analogous

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



4293514651



4291419812



4289193146

# Triad

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



4291419812



4287619327



4294951381

# Complementary

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



4291419812



4290356446

# 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.



4294886898



4291419812



4290107647

# Square

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



4291419812



4286506741



4292792063



4294951864

# Rectangle

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



4291419812



4287817422



4292792063



4294951391



# Sweetspot

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



4291419812



4294508523



4292786340



4286283891



4278190080



4286611584

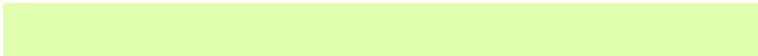


# Same Dimension

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



4291419812



4293066672



4289584804



4285296741



4285575168



4280233984



# Inverse Universe

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



4290356446



4291670271



4292191454



4285097328



4282384560

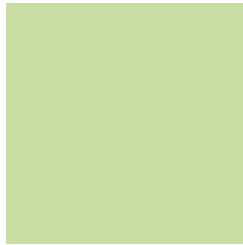


4279369776



# Previews

## White Background



This preview shows how the Android color 4291419812 looks on a white background.

## Color Contrast Check

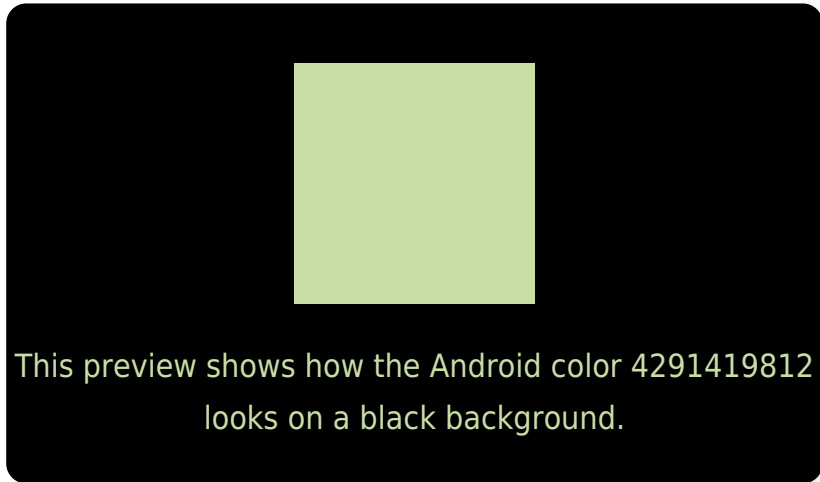
Large Text (above 18pt) WCAG AA × Fail

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

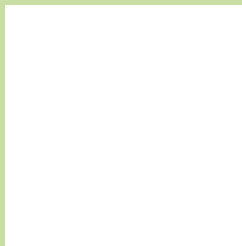
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4291419812 Background



This preview shows how black text looks on a background with the Android color 4291419812.



This preview shows how white text looks on a background with the Android color 4291419812.

# 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



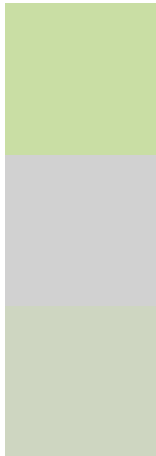
**Original Color**  
4291419812

**Protanomaly**  
4292598177

**Deuteranomaly**  
4293448614

**Tritanomaly**  
4291811534

# Monochromacy



**Original Color**  
4291419812

**Achromatopsia**  
4291940817

**Achromatomaly**  
4291745473

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291419812 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(201, 222, 164)` looks like.

```
.text, #text, p{  
    color:rgb(201, 222, 164)  
}
```

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(201, 222, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 222, 164) }
```

## Border

The CSS property to change the border of an element to Android 4291419812 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(201, 222, 164) }
```

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

```
.border{ border-color:rgb(201, 222, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 222, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 222, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 222, 164); box-shadow:4px 4px 4px 4px rgb(201, 222, 164) }
```

# Background

The CSS property to change the background color of an element to Android 4291419812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 222, 164) }
```

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

```
.background{ background-color: rgb(201,  
222, 164) }
```

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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