

# Converting Colors

Android(4291481222)

Have a look what the booklet for  
Android(4291481222) contains.

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# **Color**

**Android(4291481222)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CACE86
RGB	202, 206, 134
RGB Percent	79%, 81%, 53%
CMY	0.2078, 0.1922, 0.4745
CMYK	0.02, 0.00, 0.35, 0.19
HSL	63°, 42%, 67%
HSV	63°, 35%, 81%
XYZ	50.7315, 58.4204, 31.1567
YIQ	196.5960, 20.7280, -23.2400

# Conversions

## Conversions Part 2

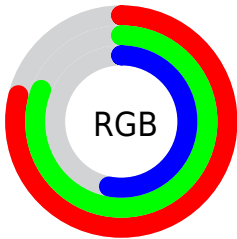
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 206, 138
Decimal	13291142
CIELab	80.97, -12.40, 35.40
CIELCh	81, 37.507, 109.300
Yxy	58.4204, 0.3616, 0.4164
Android (android.graphics.Color)	4291481222 (0xFFCACE86)
YUV	196.5960, -30.8598, 4.7393
Hunter-Lab	76.4332, -15.2813, 29.3347

# Details

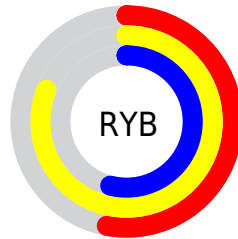
The Android color `4291481222` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `4287268558`, and the grayscale version is `4291151301`.

A 20% lighter version of the original color is `4294967228`, and `4287862867` is the 20% darker color. If you saturate the color by 10%, you get `4291415665`, and if you desaturate by 10%, it is `4291546779`.

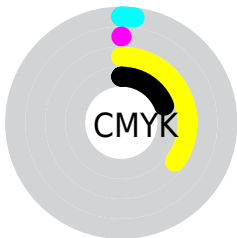
# Distribution



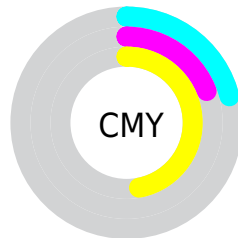
- Red (79%)
- Green (81%)
- Blue (53%)



- Red (53%)
- Yellow (81%)
- Blue (54%)



- Cyan (2%)
- Magenta (0%)
- Yellow (35%)
- Black (19%)



- Cyan (21%)
- Magenta (19%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291481222 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 4291481222 by changing the saturation by 10% instead.





4291481222



4291481222

4294967295



4289639276



4294967228



4287862867



4294967256



4286086715



4294967285



4284441891



4282797322



4281284096



4279640320




4278191872



4278190080


 4291481222


 4291481222


 4291415665

 4291546779

 4291350109

 4291612335

 4291284552

 4291677892


 4291153460

 4291808984

 4291087903

 4291874541

 4291022346

 4291940095

 4291022336

 4292005631

 4292071167

 4292136703

# Harmonies

## Analogous

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



4293706628



4291481222



4288862106

# Triad

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



4291481222



4283947261



4294947031

# Complementary

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



4291481222



4287268558

# 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.



4293507319



4291481222



4286959871

# Square

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



4291481222



4283751647



4290561535



4294946740

# Rectangle

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



4291481222



4287027887



4290561535



4294882019



# Sweetspot

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



4291481222



4294901734



4291725958



4286546032



4278190080



4286611584



# Same Dimension

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



4291481222



4294573972



4289121926



4284835420



4288521728



4280559104



# Inverse Universe

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



4287268558



4288320767



4289627854



4284243046



4278780070



4278321190



# Previews

## White Background



This preview shows how the Android color 4291481222 looks on a white background.

## Color Contrast Check

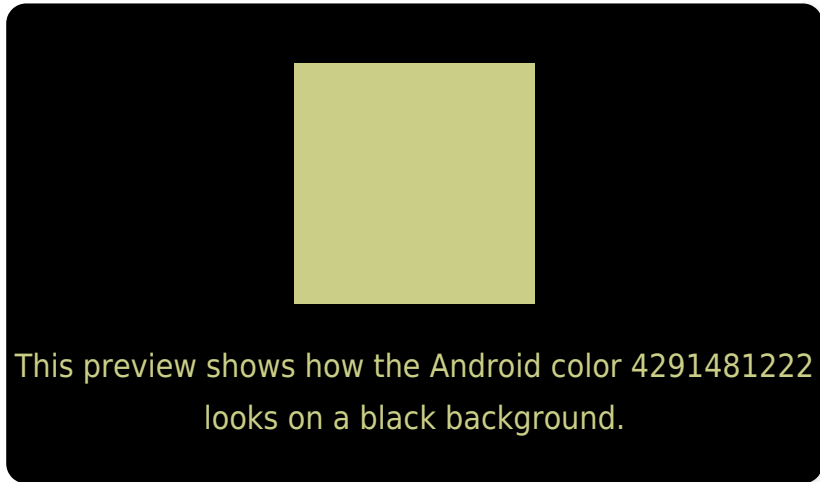
Large Text (above 18pt) WCAG AA × Fail

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

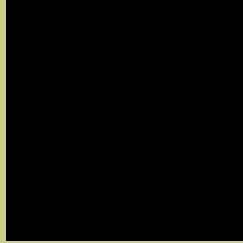
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291481222 Background



This preview shows how black text looks on a background with the Android color 4291481222.



This preview shows how white text looks on a background with the Android color 4291481222.

# Color Blindness Simulation

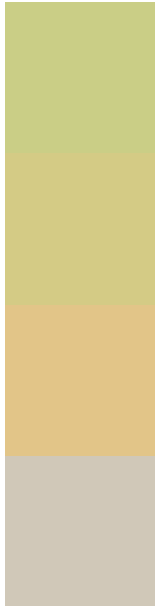
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
4291481222

**Protanomaly**  
4292135813

**Deuteranomaly**  
4293051784

**Tritanomaly**  
4291872952

# Monochromacy



**Original Color**  
4291481222

**Achromatopsia**  
4291151301

**Achromatomaly**  
4291283118

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291481222 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(202, 206, 134)` looks like.

```
.text, #text, p{  
    color:rgb(202, 206, 134)  
}
```

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(202, 206, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 206, 134) }
```

## Border

The CSS property to change the border of an element to Android 4291481222 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(202, 206, 134) }
```

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

```
.border{ border-color:rgb(202, 206, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 206, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 206, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 206, 134);  
box-shadow:4px 4px 4px 4px rgb(202, 206,  
134) }
```

# Background

The CSS property to change the background color of an element to Android 4291481222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 206, 134) }
```

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

```
.background{ background-color: rgb(202,  
206, 134) }
```

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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