

# Converting Colors

Android(4291491780)

Have a look what the booklet for  
Android(4291491780) contains.

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# **Color**

**Android(4291491780)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAF7C4
RGB	202, 247, 196
RGB Percent	79%, 97%, 77%
CMY	0.2078, 0.0314, 0.2314
CMYK	0.18, 0.00, 0.21, 0.03
HSL	113°, 76%, 87%
HSV	113°, 21%, 97%
XYZ	67.5817, 83.0636, 64.6955
YIQ	227.7310, -10.4490, -25.4010

# Conversions

## Conversions Part 2

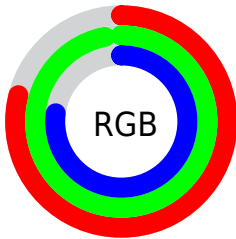
Format	Color
<a href="#">RYB</a>	<a href="#">196, 247, 241</a>
Decimal	<a href="#">13301700</a>
CIELab	<a href="#">93.04, -23.74, 19.87</a>
CIELCh	<a href="#">93, 30.953, 140.075</a>
Yxy	<a href="#">83.0636, 0.3138, 0.3857</a>
Android (android.graphics.Color)	<a href="#">4291491780 (0xFFCAF7C4)</a>
YUV	<a href="#">227.7310, -15.6434, -22.5661</a>
Hunter-Lab	<a href="#">91.1392, -27.1321, 21.7103</a>

# Details

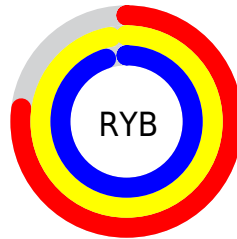
The Android color `4291491780` is a light color, and the websafe version is hex `CCFFCC`. A complement of this color would be `4294034679`, and the grayscale version is `4293190884`.

A 20% lighter version of the original color is `4294967293`, and `4287872910` is the 20% darker color. If you saturate the color by 10%, you get `4290049963`, and if you desaturate by 10%, it is `4292933597`.

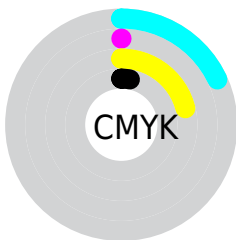
# Distribution



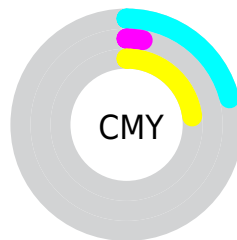
- Red (79%)
- Green (97%)
- Blue (77%)



- Red (77%)
- Yellow (97%)
- Blue (95%)



- Cyan (18%)
- Magenta (0%)
- Yellow (21%)
- Black (3%)



- Cyan (21%)
- Magenta (3%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291491780 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 4291491780 by changing the saturation by 10% instead.



 4291491780

 4291491780

4294967295

 4289649321

4294967293

 4287872910

 4286161780

 4284516700

 4282871620


 4281292589

 4279713560

 4278331648

 4278194944

 4291491780

 4291491780

 4290049963

 4292933597

 4288608147

 4294375413

 4287231866

 4294965247

 4285790049

 4284348233

 4282906416

 4281464599

 4280153856

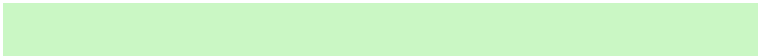
# Harmonies

## Analogous

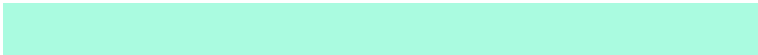
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4293717939



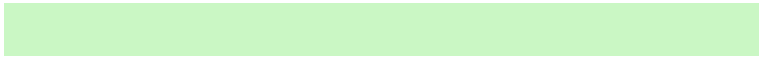
4291491780



4289395680

# Triad

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



4291491780



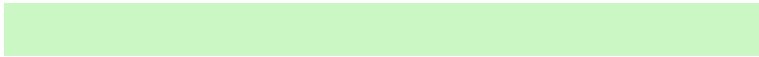
4290376191



4294956760

# Complementary

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



4291491780



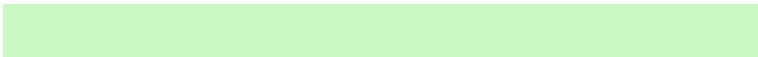
4294034679

# 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.



4294956790



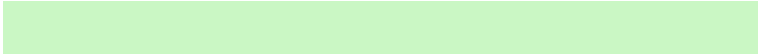
4291491780



4293126143

# Square

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



4291491780



4288411903



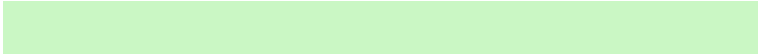
4294958591



4294958271

# Rectangle

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



4291491780



4288347380



4294958591

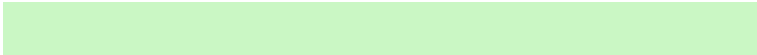


4294956514



# Sweetspot

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



4291491780



4294115312



4294439108



4286087287



4278190080

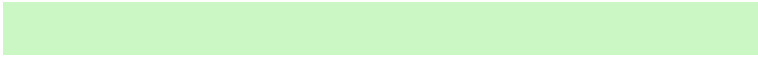


4286611584

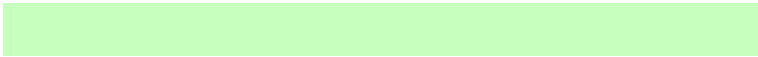


# Same Dimension

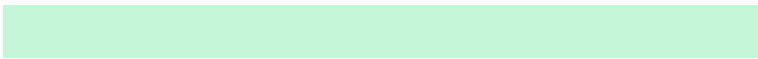
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4291491780



4291297215



4291098583



4285561454



4279679488



4278663936



# Inverse Universe

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



4294034679



4294492159



4294427876



4286148218



4288938170

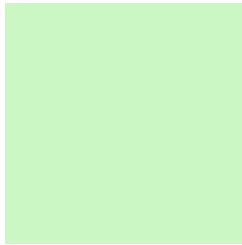


4281598011



# Previews

## White Background



This preview shows how the Android color 4291491780 looks on a white background.

## Color Contrast Check

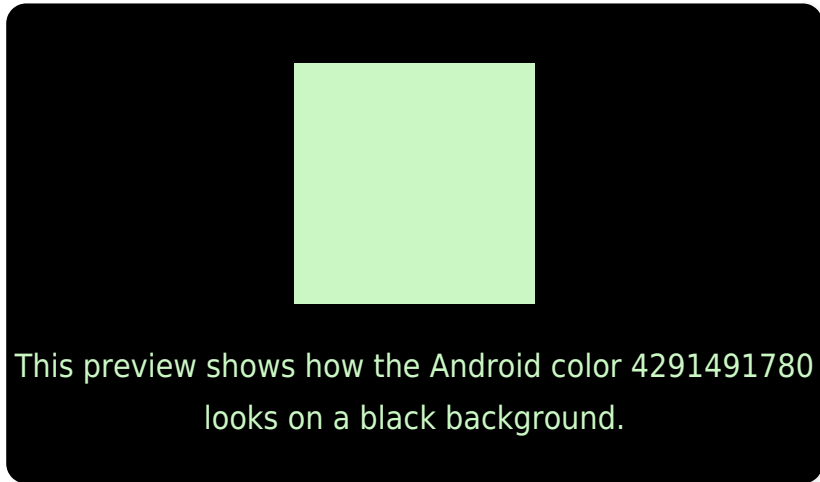
Large Text (above 18pt) WCAG AA × Fail

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 4291491780 Background



This preview shows how black text looks on a background with the Android color 4291491780.



This preview shows how white text looks on a background with the Android color 4291491780.

# 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

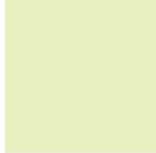




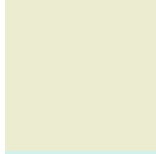
# Trichromacy



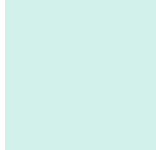
**Original Color**  
4291491780



**Protanomaly**  
4293455808

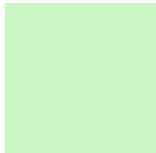


**Deuteranomaly**  
4293717201

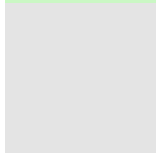


**Tritanomaly**  
4292014570

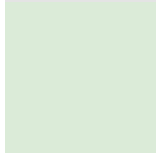
# Monochromacy



**Original Color**  
4291491780



**Achromatopsia**  
4293190884



**Achromatomaly**  
4292602840

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291491780 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, 247, 196)` looks like.

```
.text, #text, p{  
    color:rgb(202, 247, 196)  
}
```

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, 247, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 247, 196) }
```

## Border

The CSS property to change the border of an element to Android 4291491780 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, 247, 196) }
```

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

```
.border{ border-color:rgb(202, 247, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 247, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 247, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 247, 196);  
box-shadow:4px 4px 4px 4px rgb(202, 247,  
196) }
```

# Background

The CSS property to change the background color of an element to Android 4291491780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 247, 196) }
```

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

```
.background{ background-color: rgb(202,  
247, 196) }
```

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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