

# Converting Colors

Android(4291491023)

Have a look what the booklet for  
Android(4291491023) contains.

<b>Android(4291491023)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4291491023)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAF4CF
RGB	202, 244, 207
RGB Percent	79%, 96%, 81%
CMY	0.2078, 0.0431, 0.1882
CMYK	0.17, 0.00, 0.15, 0.04
HSL	127°, 66%, 87%
HSV	127°, 17%, 96%
XYZ	67.9703, 81.7629, 71.2309
YIQ	227.2240, -13.1550, -20.4110

# Conversions

## Conversions Part 2

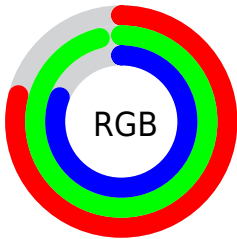
Format	Color
R <sub>Y</sub> B	202, 240, 244
Decimal	13300943
CIE Lab	92.47, -20.42, 13.40
CIE LCh	92, 24.420, 146.728
Yxy	81.7629, 0.3076, 0.3700
Android (android.graphics.Color)	4291491023 (0xFFCAF4CF)
YUV	227.2240, -9.9704, -22.1214
Hunter-Lab	90.4228, -24.0627, 16.5901

# Details

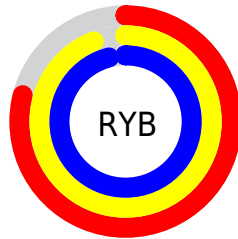
The Android color `4291491023` is a light color, and the websafe version is hex `CCFFCC`. A complement of this color would be `4294232815`, and the grayscale version is `4293125091`.

A 20% lighter version of the original color is `4294967295`, and `4287872153` is the 20% darker color. If you saturate the color by 10%, you get `4289918138`, and if you desaturate by 10%, it is `4293063908`.

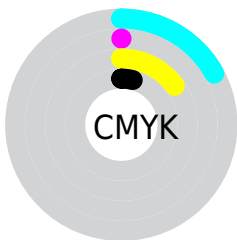
# Distribution



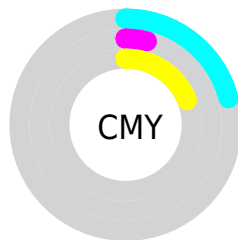
- Red (79%)
- Green (96%)
- Blue (81%)



- Red (79%)
- Yellow (94%)
- Blue (96%)



- Cyan (17%)
- Magenta (0%)
- Yellow (15%)
- Black (4%)



- Cyan (21%)
- Magenta (4%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291491023 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 4291491023 by changing the saturation by 10% instead.



 4291491023

 4291491023

4294967295


 4289648819

 4287872153

 4286161279

 4284515942


 4282936654

 4281357367

 4279844129

 4278396683

 4278194176

 4291491023

 4291491023

 4289918138

 4293063908

 4288279716

 4294702330

 4286706831

 4294964479

 4285068409

 4283495524

 4281922638

 4280284217

 4278711331

 4278252573

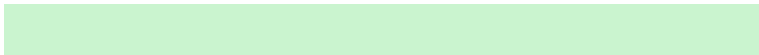
# Harmonies

## Analogous

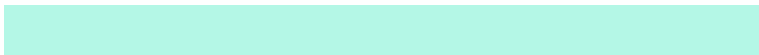
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4293258943



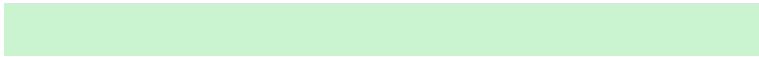
4291491023



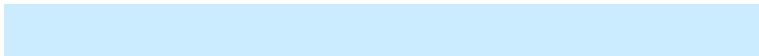
4290050022

# Triad

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



4291491023



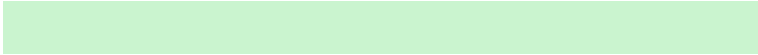
4291554559



4294957781

# Complementary

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



4291491023



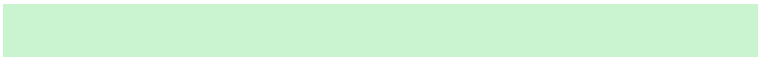
4294232815

# 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.



4294957549



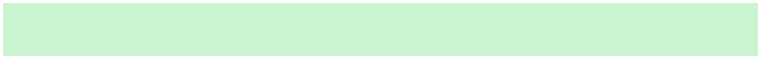
4291491023



4293584127

# Square

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



4291491023



4289917951



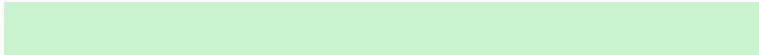
4294958591



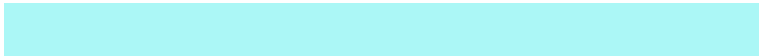
4294959043

# Rectangle

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



4291491023



4289460214



4294958591

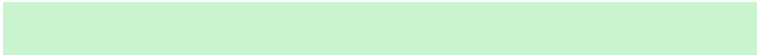


4294957533

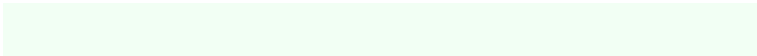


# Sweetspot

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



4291491023



4294115316



4293915850



4286087289



4278190080

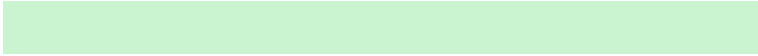


4286611584

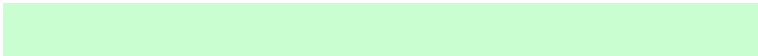


# Same Dimension

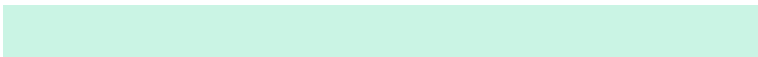
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4291491023



4291428304



4291491044



4285430384



4278237718



4278205191



# Inverse Universe

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



4294232815



4294953465



4294232794



4286213753



4290379940

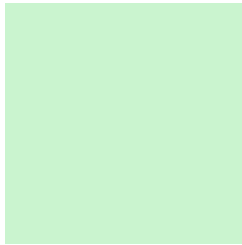


4282056756



# Previews

## White Background



This preview shows how the Android color 4291491023 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



This preview shows how the Android color 4291491023 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

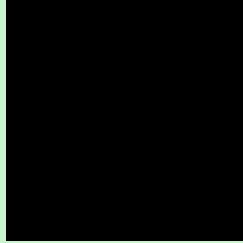
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

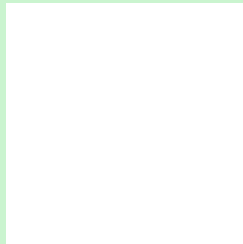
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4291491023 Background



This preview shows how black text looks on a background with the Android color 4291491023.

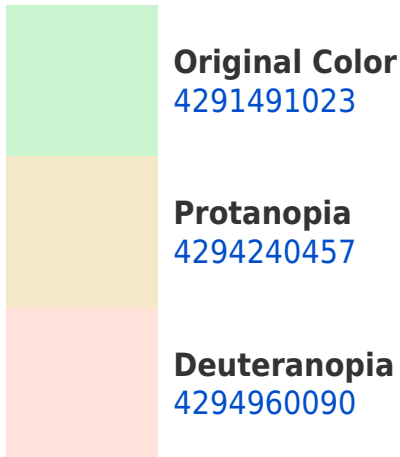


This preview shows how white text looks on a background with the Android color 4291491023.

# 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



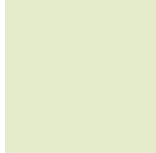


**Tritanopia**  
4292079103

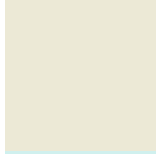
# Trichromacy



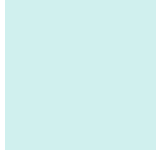
**Original Color**  
4291491023



**Protanomaly**  
4293258443



**Deuteranomaly**  
4293716438

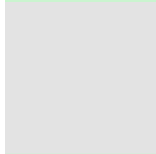


**Tritanomaly**  
4291883246

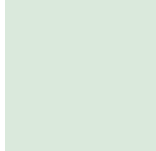
# Monochromacy



**Original Color**  
4291491023



**Achromatopsia**  
4293125091



**Achromatomaly**  
4292536796

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291491023 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, 244, 207)` looks like.

```
.text, #text, p{  
    color:rgb(202, 244, 207)  
}
```

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, 244, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 244, 207) }
```

## Border

The CSS property to change the border of an element to Android 4291491023 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, 244, 207) }
```

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

```
.border{ border-color:rgb(202, 244, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 244, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 244, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 244, 207);  
box-shadow:4px 4px 4px 4px rgb(202, 244,  
207) }
```

# Background

The CSS property to change the background color of an element to Android 4291491023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 244, 207) }
```

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

```
.background{ background-color: rgb(202,  
244, 207) }
```

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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