

# Converting Colors

Android(4291165076)

Have a look what the booklet for  
Android(4291165076) contains.

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# **Color**

**Android(4291165076)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5FB94
RGB	197, 251, 148
RGB Percent	77%, 98%, 58%
CMY	0.2275, 0.0157, 0.4196
CMYK	0.22, 0.00, 0.41, 0.02
HSL	91°, 93%, 78%
HSV	91°, 41%, 98%
XYZ	62.8684, 83.0028, 40.7246
YIQ	223.1120, 0.8790, -43.4810

# Conversions

## Conversions Part 2

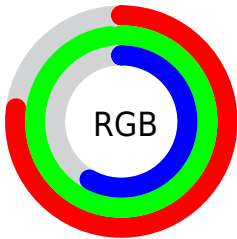
Format	Color
<a href="#">RYB</a>	<a href="#">148, 251, 202</a>
Decimal	<a href="#">12974996</a>
CIELab	<a href="#">93.02, -34.25, 43.86</a>
CIElCh	<a href="#">93, 55.646, 127.985</a>
Yxy	<a href="#">83.0028, 0.3369, 0.4448</a>
Android (android.graphics.Color)	<a href="#">4291165076 (0xFFC5FB94)</a>
YUV	<a href="#">223.1120, -37.0302, -22.9002</a>
Hunter-Lab	<a href="#">91.1059, -36.2597, 37.2713</a>

# Details

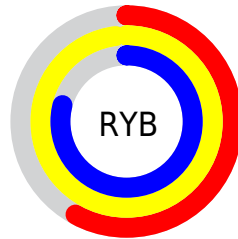
The Android color **4291165076** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **4291466491**, and the grayscale version is **4292861919**.

A 20% lighter version of the original color is **4294967243**, and **4287480415** is the 20% darker color. If you saturate the color by 10%, you get **4290313083**, and if you desaturate by 10%, it is **4292017069**.

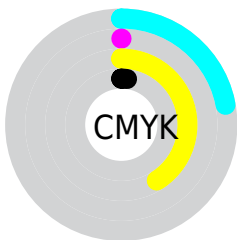
# Distribution



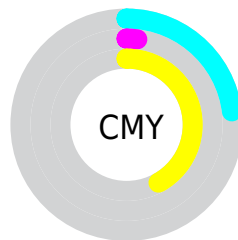
- Red (77%)
- Green (98%)
- Blue (58%)



- Red (58%)
- Yellow (98%)
- Blue (79%)



- Cyan (22%)
- Magenta (0%)
- Yellow (41%)
- Black (2%)




- Cyan (23%)
- Magenta (2%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291165076 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 4291165076 by changing the saturation by 10% instead.



 4291165076

 4291165076

4294967295

 4289322617

 4294967243

 4287480415

 4294967272

 4285704006

 4283993133

 4282216977


 4280441088

 4278338048

 4278201088

 4278194688

 4291165076

 4291165076

 4290313083

 4292017069

 4289461090

 4292869062

 4288609097

 4293721055

 4287691568

 4294638584

 4286839575

 4294966271

 4286053120

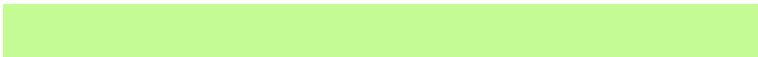
# Harmonies

## Analogous

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



4294962558



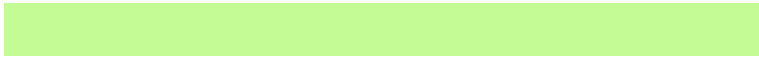
4291165076



4286578625

# Triad

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



4291165076



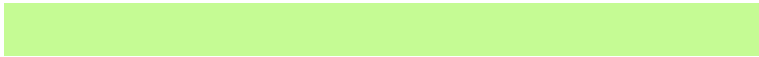
4280941567



4294950878

# Complementary

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



4291165076



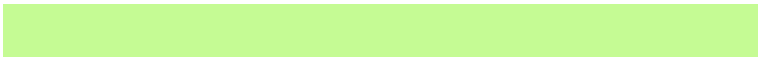
4291466491

# Split Complementary

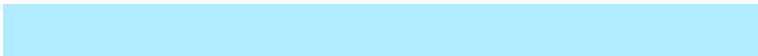
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294952703



4291165076



4289785087

# Square

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



4291165076



4278255615



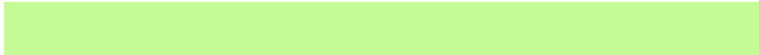
4294957311



4294953132

# Rectangle

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



4291165076



4281925605



4294957311



4294951153



# Sweetspot

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



4291165076



4293918688



4294691220



4285956206



4278190080



4286611584

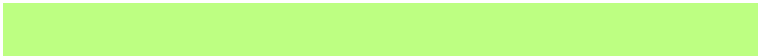


# Same Dimension

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



4291165076



4290641794



4287953814



4285955440



4284136704



4280106240



# Inverse Universe

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



4291466491



4291068671



4294677753



4286017661



4284678333

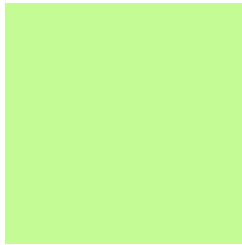


4280287293



# Previews

## White Background



This preview shows how the Android color 4291165076 looks on a white background.

## Color Contrast Check

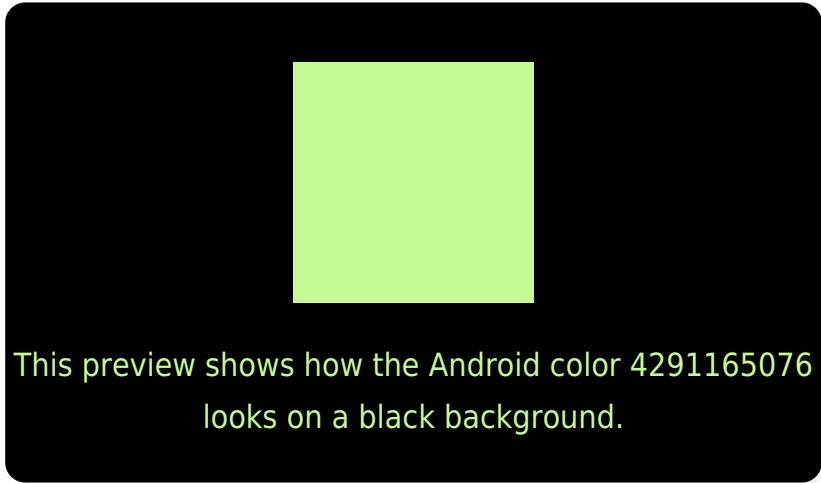
Large Text (above 18pt) WCAG AA × Fail

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 4291165076 Background



This preview shows how black text looks on a background with the Android color 4291165076.

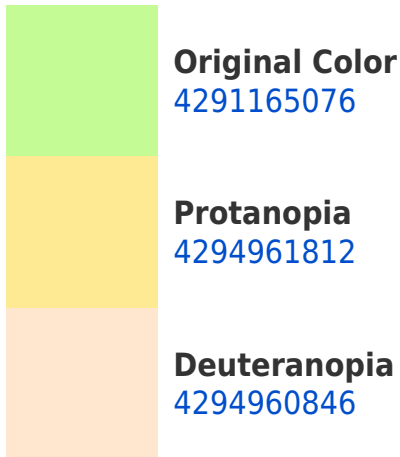


This preview shows how white text looks on a background with the Android color 4291165076.

# 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

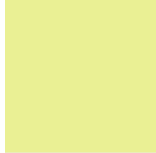




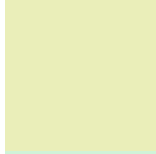
# Trichromacy



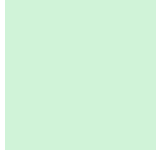
**Original Color**  
4291165076



**Protanomaly**  
4293587092

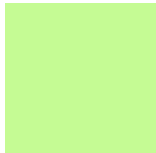


**Deuteranomaly**  
4293586617

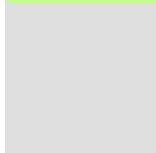


**Tritanomaly**  
4291883992

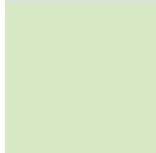
# Monochromacy



**Original Color**  
4291165076



**Achromatopsia**  
4292861919



**Achromatomaly**  
4292274628

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291165076 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(197, 251, 148)` looks like.

```
.text, #text, p{  
    color:rgb(197, 251, 148)  
}
```

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(197, 251, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 251, 148) }
```

## Border

The CSS property to change the border of an element to Android 4291165076 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(197, 251, 148) }
```

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

```
.border{ border-color:rgb(197, 251, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 251, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 251, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 251, 148);  
box-shadow:4px 4px 4px 4px rgb(197, 251,  
148) }
```

# Background

The CSS property to change the background color of an element to Android 4291165076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 251, 148) }
```

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

```
.background{ background-color: rgb(197,  
251, 148) }
```

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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