

# Converting Colors

Android(4291297152)

Have a look what the booklet for  
Android(4291297152) contains.

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# **Color**

**Android(4291297152)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7FF80
RGB	199, 255, 128
RGB Percent	78%, 100%, 50%
CMY	0.2196, 0.0000, 0.4980
CMYK	0.22, 0.00, 0.50, 0.00
HSL	86°, 100%, 75%
HSV	86°, 50%, 100%
XYZ	63.2095, 85.2206, 33.5398
YIQ	223.7780, 7.3910, -51.3690

# Conversions

## Conversions Part 2

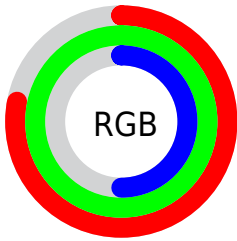
<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 255, 184
Decimal	13107072
CIELab	93.98, -37.61, 54.55
CIElCh	94, 66.256, 124.587
Yxy	85.2206, 0.3474, 0.4683
Android (android.graphics.Color)	4291297152 (0xFFC7FF80)
YUV	223.7780, -47.2186, -21.7303
Hunter-Lab	92.3150, -39.3297, 43.0793

# Details

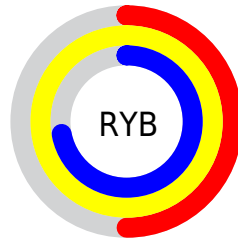
The Android color `4291297152` is a light color, and the websafe version is hex `CCFF66`. A complement of this color would be `4290281727`, and the grayscale version is `4292927712`.

A 20% lighter version of the original color is `4294967223`, and `4287546954` is the 20% darker color. If you saturate the color by 10%, you get `4290576231`, and if you desaturate by 10%, it is `4292018074`.

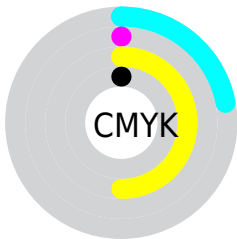
# Distribution



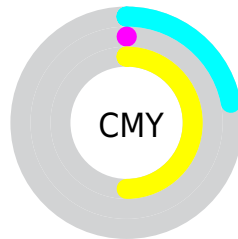
- Red (78%)
- Green (100%)
- Blue (50%)



- Red (50%)
- Yellow (100%)
- Blue (72%)



- Cyan (22%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)




- Cyan (22%)
- Magenta (0%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291297152 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 4291297152 by changing the saturation by 10% instead.



 4291297152

 4291297152

4294967295

 4289389157

 4294967223

 4287546954

 4294967252

 4285770543

 4294967281

 4283928590

 4282152448


 4280311040

 4278207744

 4278201856

 4278195712

 4291297152

 4291297152

 4290576231

 4292018074

 4289855309

 4292738995

 4289068851

 4293525453

 4288347930

 4294246374

 4287627008

4294967295

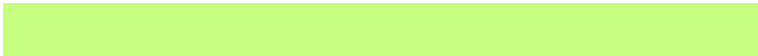
# Harmonies

## Analogous

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



4294962537



4291297152



4285464500

# Triad

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



4291297152



4278255615



4294948838

# Complementary

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



4291297152



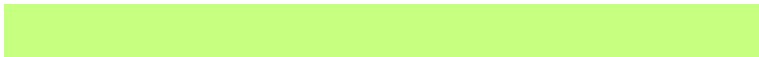
4290281727

# 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.



4294951423



4291297152



4287558143

# Square

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



4291297152



4278255615



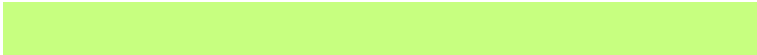
4294957567



4294951336

# Rectangle

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



4291297152



4278255584



4294957567



4294949116



# Sweetspot

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



4291297152



4293853145



4294948736



4285890665



4278190080



4286611584



# Same Dimension

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



4291297152



4290576230



4287168384



4286218355



4285251328



4280565760



# Inverse Universe

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



4290281727



4289292031



4294410495



4286083968



4283695295

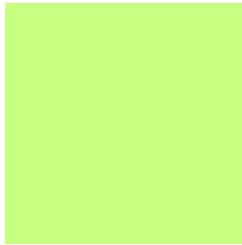


4280025152



# Previews

## White Background



This preview shows how the Android color 4291297152 looks on a white background.

## Color Contrast Check

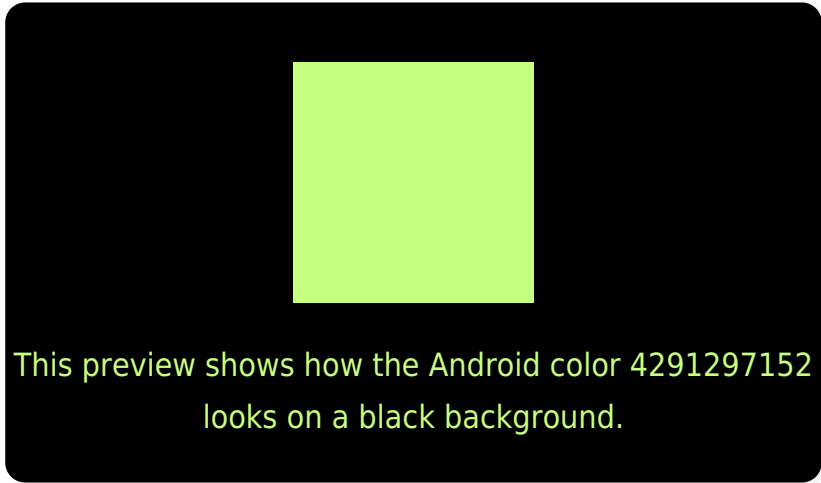
Large Text (above 18pt) WCAG AA × Fail

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

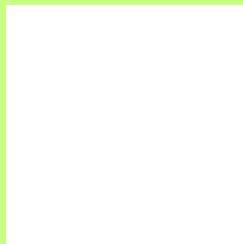
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4291297152 Background



This preview shows how black text looks on a background with the Android color 4291297152.

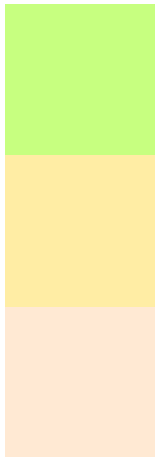


This preview shows how white text looks on a background with the Android color 4291297152.

# 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](#).

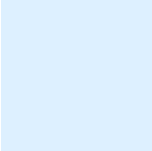
## Dichromacy



**Original Color**  
4291297152

**Protanopia**  
4294962596

**Deuteranopia**  
4294961619

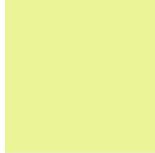


**Tritanopia**  
4292735231

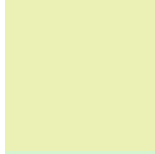
# Trichromacy



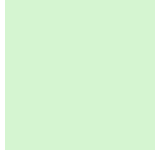
**Original Color**  
4291297152



**Protanomaly**  
4293653655

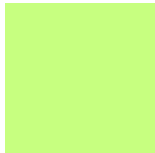


**Deuteranomaly**  
4293652917

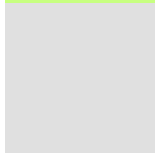


**Tritanomaly**  
4292212177

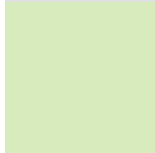
# Monochromacy



**Original Color**  
4291297152



**Achromatopsia**  
4292927712



**Achromatomaly**  
4292340669

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291297152 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(199, 255, 128)` looks like.

```
.text, #text, p{  
    color:rgb(199, 255, 128)  
}
```

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(199, 255, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 255, 128) }
```

## Border

The CSS property to change the border of an element to Android 4291297152 is called "border". The border property can be set on classes, ids or directly on the HTML element.

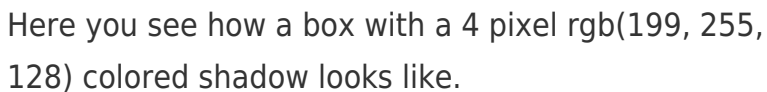
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 255, 128) }
```

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

```
.border{ border-color:rgb(199, 255, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 255, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 255, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 255, 128);  
box-shadow:4px 4px 4px 4px rgb(199, 255,  
128) }
```

# Background

The CSS property to change the background color of an element to Android 4291297152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 255, 128) }
```

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

```
.background{ background-color: rgb(199,  
255, 128) }
```

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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