

# Converting Colors

Android(4291559313)

Have a look what the booklet for  
Android(4291559313) contains.

<b>Android(4291559313)</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(4291559313)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBFF91
RGB	203, 255, 145
RGB Percent	80%, 100%, 57%
CMY	0.2039, 0.0000, 0.4314
CMYK	0.20, 0.00, 0.43, 0.00
HSL	88°, 100%, 78%
HSV	88°, 43%, 100%
XYZ	65.4994, 86.2608, 39.9859
YIQ	226.9120, 4.3180, -45.2340

# Conversions

## Conversions Part 2

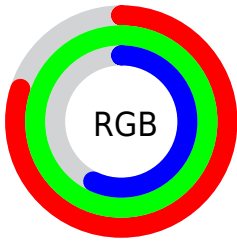
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">145, 255, 197</a>
Decimal	<a href="#">13369233</a>
CIELab	<a href="#">94.42, -34.32, 47.16</a>
CIELCh	<a href="#">94, 58.330, 126.045</a>
Yxy	<a href="#">86.2608, 0.3416, 0.4499</a>
Android (android.graphics.Color)	<a href="#">4291559313 (0xFFCBFF91)</a>
YUV	<a href="#">226.9120, -40.3826, -20.9708</a>
Hunter-Lab	<a href="#">92.8767, -36.6507, 39.4878</a>

# Details

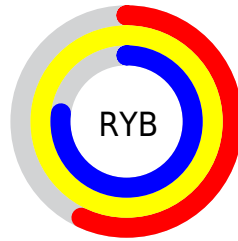
The Android color `4291559313` is a light color, and the websafe version is hex `CCFF99`. A complement of this color would be `4291138047`, and the grayscale version is `4293125091`.

A 20% lighter version of the original color is `4294967240`, and `4287874652` is the 20% darker color. If you saturate the color by 10%, you get `4290772856`, and if you desaturate by 10%, it is `4292345771`.

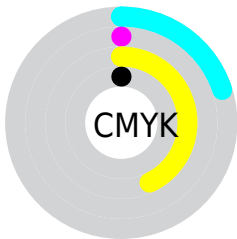
# Distribution



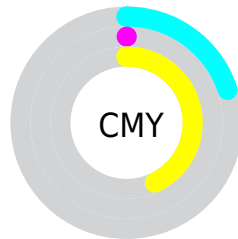
- Red (80%)
- Green (100%)
- Blue (57%)



- Red (57%)
- Yellow (100%)
- Blue (77%)



- Cyan (20%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)




- Cyan (20%)
- Magenta (0%)
- Yellow (43%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291559313 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 4291559313 by changing the saturation by 10% instead.



 4291559313

 4291559313

4294967295

 4289716854

 4294967240

 4287874652

 4294967269

 4286098242

 4284321832


 4282545673


 4280769792

 4278732032

 4278201856

 4278196224

 4291559313

 4291559313

 4290772856

 4292345771

 4289986398

 4293132228

 4289199940

 4293918686

 4288413483

 4294705143

 4287627025

4294967295

 4287037184

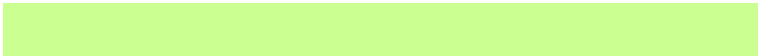
# Harmonies

## Analogous

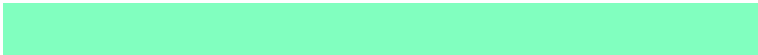
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294963068



4291559313



4286709695

# Triad

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



4291559313



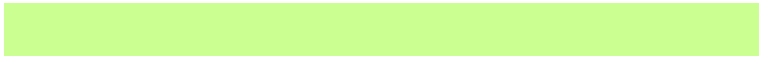
4278255615



4294951398

# Complementary

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



4291559313



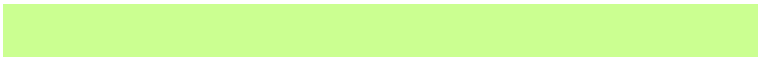
4291138047

# Split Complementary

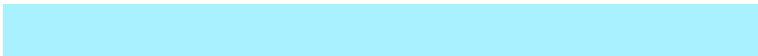
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294953471



4291559313



4289327615

# Square

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



4291559313



4278255615



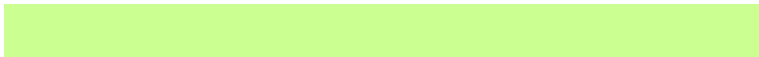
4294958335



4294953392

# Rectangle

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



4291559313



4281532389



4294958335

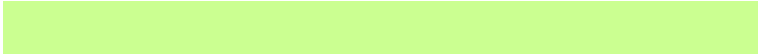


4294951673



# Sweetspot

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



4291559313



4293918686



4294952081



4285956203



4278190080

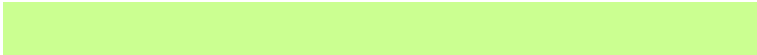


4286611584

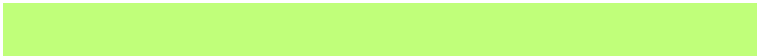


# Same Dimension

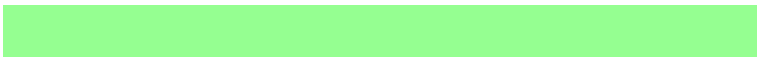
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4291559313



4290838394



4288020369



4286152819



4284858112



4280434688



# Inverse Universe

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



4291138047



4290345727



4294676991



4286149504



4284088511

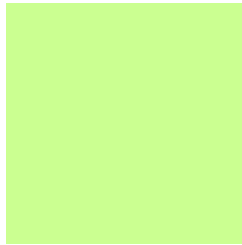


4280156224



# Previews

## White Background



This preview shows how the Android color 4291559313 looks on a white background.

## Color Contrast Check

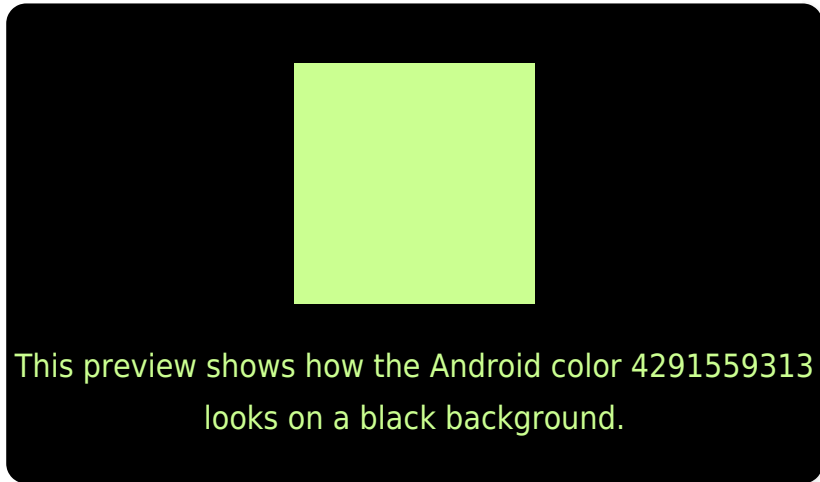
Large Text (above 18pt) WCAG AA × Fail

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

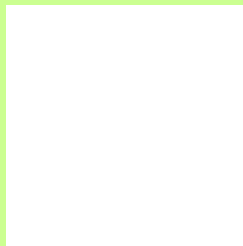
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4291559313 Background



This preview shows how black text looks on a background with the Android color 4291559313.

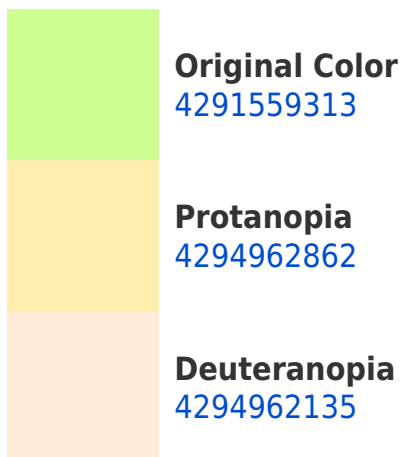


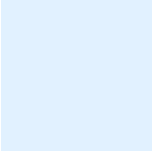
This preview shows how white text looks on a background with the Android color 4291559313.

# 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



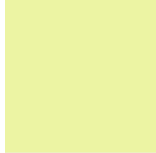


**Tritanopia**  
4292997631

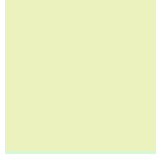
# Trichromacy



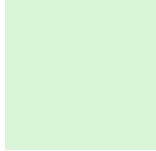
**Original Color**  
4291559313



**Protanomaly**  
4293719203

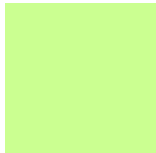


**Deuteranomaly**  
4293718718

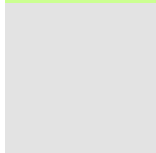


**Tritanomaly**  
4292474583

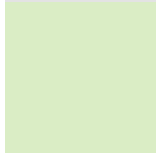
# Monochromacy



**Original Color**  
4291559313



**Achromatopsia**  
4293125091



**Achromatomaly**  
4292537797

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291559313 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(203, 255, 145)` looks like.

```
.text, #text, p{  
    color:rgb(203, 255, 145)  
}
```

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(203, 255, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 255, 145) }
```

## Border

The CSS property to change the border of an element to Android 4291559313 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(203, 255, 145) }
```

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

```
.border{ border-color:rgb(203, 255, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 255, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 255, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 255, 145);  
box-shadow:4px 4px 4px 4px rgb(203, 255,  
145) }
```

# Background

The CSS property to change the background color of an element to Android 4291559313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 255, 145) }
```

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

```
.background{ background-color: rgb(203,  
255, 145) }
```

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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