

# Converting Colors

Android(4291296405)

Have a look what the booklet for  
Android(4291296405) contains.

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# **Color**

**Android(4291296405)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7FC95
RGB	199, 252, 149
RGB Percent	78%, 99%, 58%
CMY	0.2196, 0.0118, 0.4157
CMYK	0.21, 0.00, 0.41, 0.01
HSL	91°, 94%, 79%
HSV	91°, 41%, 99%
XYZ	63.7884, 83.9328, 41.2724
YIQ	224.4110, 1.4750, -43.2690

# Conversions

## Conversions Part 2

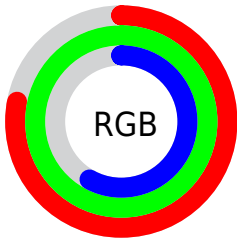
Format	Color
<a href="#">RYB</a>	<a href="#">149, 252, 202</a>
Decimal	<a href="#">13106325</a>
CIELab	<a href="#">93.42, -33.88, 43.91</a>
CIELCh	<a href="#">93, 55.466, 127.652</a>
Yxy	<a href="#">83.9328, 0.3375, 0.4441</a>
Android (android.graphics.Color)	<a href="#">4291296405</a> ( <a href="#">0xFFC7FC95</a> )
YUV	<a href="#">224.4110, -37.1776, -22.2854</a>
Hunter-Lab	<a href="#">91.6149, -36.0424, 37.4203</a>

# Details

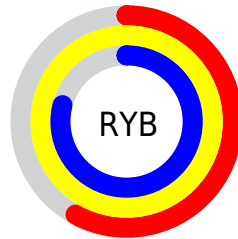
The Android color `4291296405` is a light color, and the websafe version is hex `CCFF99`. A complement of this color would be `4291466748`, and the grayscale version is `4292993505`.

A 20% lighter version of the original color is `4294967244`, and `4287611744` is the 20% darker color. If you saturate the color by 10%, you get `4290444412`, and if you desaturate by 10%, it is `4292148398`.

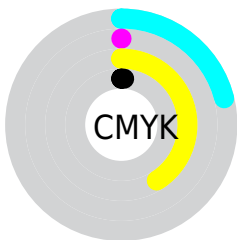
# Distribution



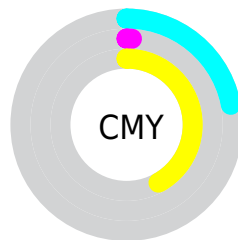
- Red (78%)
- Green (99%)
- Blue (58%)



- Red (58%)
- Yellow (99%)
- Blue (79%)



- Cyan (21%)
- Magenta (0%)
- Yellow (41%)
- Black (1%)




- Cyan (22%)
- Magenta (1%)
- Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291296405 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 4291296405 by changing the saturation by 10% instead.



 4291296405

 4291296405

4294967295

 4289453946

 4294967244

 4287611744


 4294967273

 4285835335

 4284124462

 4282348306


 4280572416

 4278600192

 4278201344

 4278195200

 4291296405

 4291296405

 4290444412

 4292148398

 4289592419

 4293000391

 4288740425

 4293852385

 4287888432

 4294704378

 4287036439

 4294966527

 4286249984

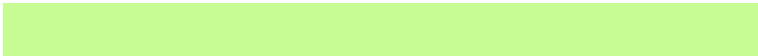
# Harmonies

## Analogous

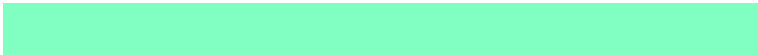
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294962560



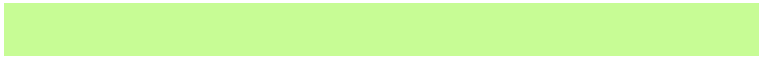
4291296405



4286709698

# Triad

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



4291296405



4281204223



4294951392

# Complementary

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



4291296405



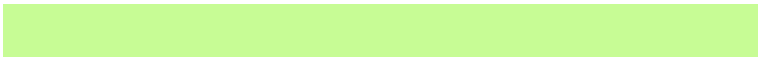
4291466748

# Split Complementary

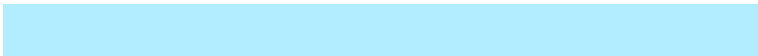
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294952959



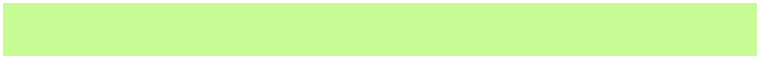
4291296405



4289850879

# Square

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



4291296405



4278255615



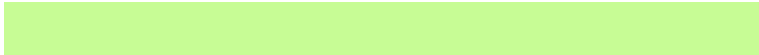
4294957567



4294953389

# Rectangle

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



4291296405



4282253286



4294957567



4294951411



# Sweetspot

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



4291296405



4293918688



4294756757



4285956206



4278190080



4286611584

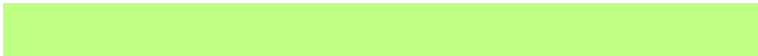


# Same Dimension

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



4291296405



4290772866



4288019605



4286020976



4284267776



4280171776



# Inverse Universe

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



4291466748



4290937599



4294743548



4286017661



4284547261

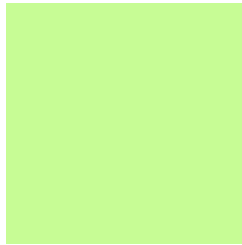


4280221757



# Previews

## White Background



This preview shows how the Android color 4291296405 looks on a white background.

## Color Contrast Check

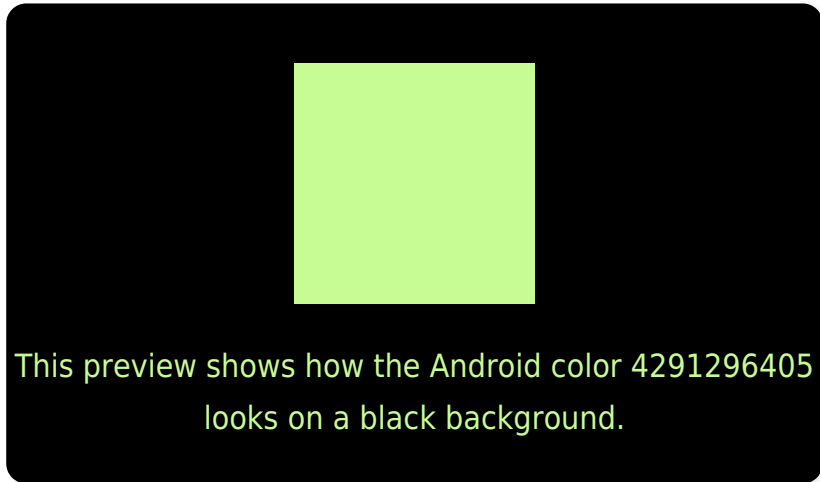
Large Text (above 18pt) WCAG AA × Fail

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

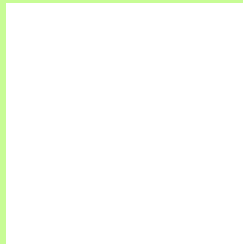
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4291296405 Background



This preview shows how black text looks on a background with the Android color 4291296405.

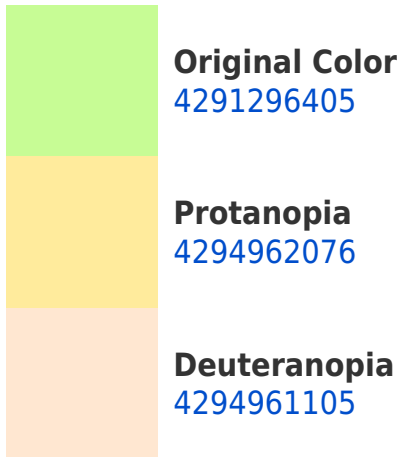


This preview shows how white text looks on a background with the Android color 4291296405.

# 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

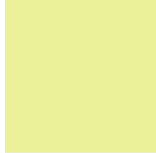




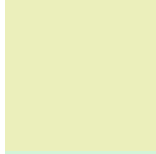
# Trichromacy



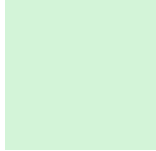
**Original Color**  
4291296405



**Protanomaly**  
4293652889

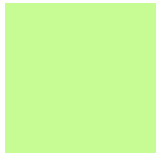


**Deuteranomaly**  
4293652411

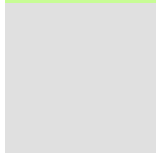


**Tritanomaly**  
4292080856

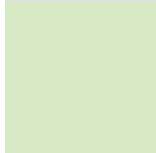
# Monochromacy



**Original Color**  
4291296405



**Achromatopsia**  
4292927712



**Achromatomaly**  
4292340421

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291296405 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, 252, 149)` looks like.

```
.text, #text, p{  
    color:rgb(199, 252, 149)  
}
```

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, 252, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 252, 149) }
```

## Border

The CSS property to change the border of an element to Android 4291296405 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, 252, 149) }
```

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

```
.border{ border-color:rgb(199, 252, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 252, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 252, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 252, 149);  
box-shadow:4px 4px 4px 4px rgb(199, 252,  
149) }
```

# Background

The CSS property to change the background color of an element to Android 4291296405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 252, 149) }
```

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

```
.background{ background-color: rgb(199,  
252, 149) }
```

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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