

# Converting Colors

Android(4292083583)

Have a look what the booklet for  
Android(4292083583) contains.

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# **Color**

**Android(4292083583)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3FF7F
RGB	211, 255, 127
RGB Percent	83%, 100%, 50%
CMY	0.1725, 0.0000, 0.5020
CMYK	0.17, 0.00, 0.50, 0.00
HSL	81°, 100%, 75%
HSV	81°, 50%, 100%
XYZ	66.4547, 86.9012, 33.3497
YIQ	227.2520, 14.8640, -49.1360

# Conversions

## Conversions Part 2

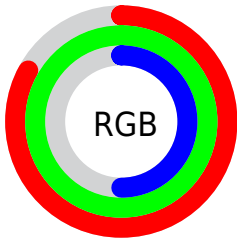
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 255, 171
Decimal	13893503
CIELab	94.70, -33.36, 56.04
CIELCh	95, 65.218, 120.766
Yxy	86.9012, 0.3559, 0.4654
Android (android.graphics.Color)	4292083583 (0xFFD3FF7F)
YUV	227.2520, -49.4242, -14.2530
Hunter-Lab	93.2208, -35.8883, 44.0436

# Details

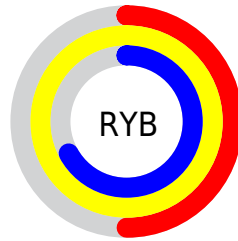
The Android color `4292083583` is a light color, and the websafe version is hex `CCFF66`. A complement of this color would be `4289429503`, and the grayscale version is `4293190884`.

A 20% lighter version of the original color is `4294967222`, and `4288333385` is the 20% darker color. If you saturate the color by 10%, you get `4291493734`, and if you desaturate by 10%, it is `4292673433`.

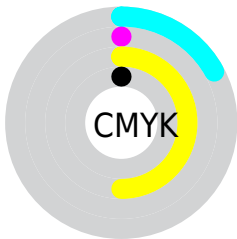
# Distribution



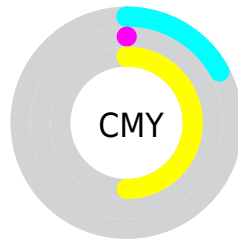
- Red (83%)
- Green (100%)
- Blue (50%)



- Red (50%)
- Yellow (100%)
- Blue (67%)



- Cyan (17%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)



- Cyan (17%)
- Magenta (0%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292083583 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 4292083583 by changing the saturation by 10% instead.



 4292083583

 4292083583

4294967295

 4290175588

 4294967222

 4288333385

 4294967251

 4286491438

 4294967280

 4284715019

 4282938880

 4281228544

 4279125248

 4278201856

 4278196480

 4292083583

 4292083583

 4291493734

 4292673433

 4290903884

 4293263282

 4290379571

 4293787596

 4289789721

 4294377445

 4289199872

4294967295

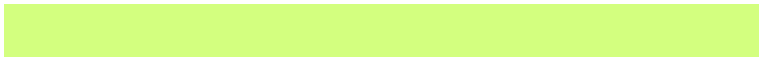
# Harmonies

## Analogous

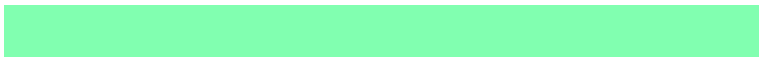
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294962541



4292083583



4286709680

# Triad

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



4292083583



4278255615



4294949617

# Complementary

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



4292083583



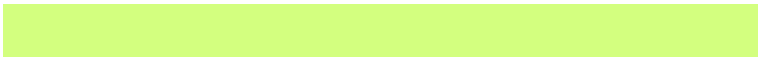
4289429503

# 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



4292083583



4286641919

# Square

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



4292083583



4278255615



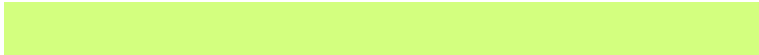
4294369279



4294951347

# Rectangle

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



4292083583



4278255577



4294369279



4294950399

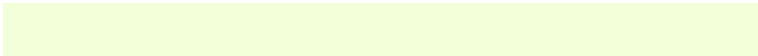


# Sweetspot

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



4292083583



4294115289



4294945407



4286087273



4278190080

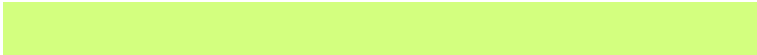


4286611584

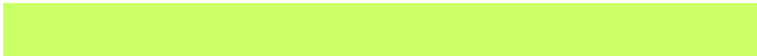


# Same Dimension

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



4292083583



4291493734



4287954815



4286283891



4286496512



4280958976



# Inverse Universe

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



4289429503



4288374527



4293558271



4286018432



4282515647

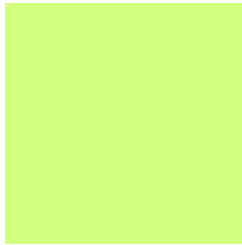


4279631936



# Previews

## White Background



This preview shows how the Android color 4292083583 looks on a white background.

## Color Contrast Check

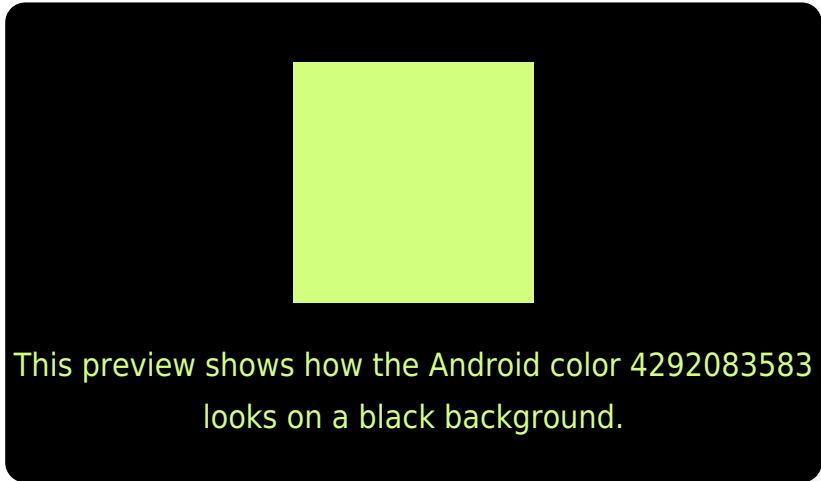
Large Text (above 18pt) WCAG AA × Fail

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 4292083583 Background



This preview shows how black text looks on a background with the Android color 4292083583.

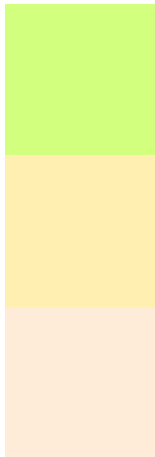


This preview shows how white text looks on a background with the Android color 4292083583.

# 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



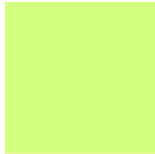
**Original Color**  
4292083583

**Protanopia**  
4294963121

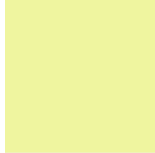
**Deuteranopia**  
4294962392



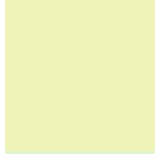
# Trichromacy



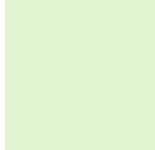
**Original Color**  
4292083583



**Protanomaly**  
4293916063



**Deuteranomaly**  
4293915576

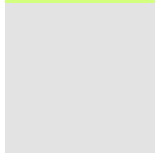


**Tritanomaly**  
4292933072

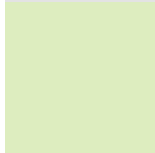
# Monochromacy



**Original Color**  
4292083583



**Achromatopsia**  
4293125091



**Achromatomaly**  
4292734399

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292083583 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(211, 255, 127)` looks like.

```
.text, #text, p{  
    color:rgb(211, 255, 127)  
}
```

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(211, 255, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 255, 127) }
```

## Border

The CSS property to change the border of an element to Android 4292083583 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(211, 255, 127) }
```

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

```
.border{ border-color:rgb(211, 255, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 255, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 255, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 255, 127);  
box-shadow:4px 4px 4px 4px rgb(211, 255,  
127) }
```

# Background

The CSS property to change the background color of an element to Android 4292083583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 255, 127) }
```

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

```
.background{ background-color: rgb(211,  
255, 127) }
```

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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