

# Converting Colors

Android(4292476034)

Have a look what the booklet for  
Android(4292476034) contains.

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# **Color**

**Android(4292476034)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9FC82
RGB	217, 252, 130
RGB Percent	85%, 99%, 51%
CMY	0.1490, 0.0118, 0.4902
CMYK	0.14, 0.00, 0.48, 0.01
HSL	77°, 95%, 75%
HSV	77°, 48%, 99%
XYZ	67.4549, 85.9842, 34.1605
YIQ	227.6270, 18.3020, -45.3620

# Conversions

## Conversions Part 2

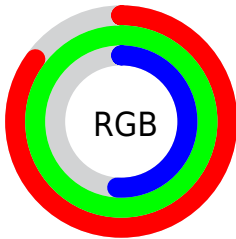
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 252, 165
Decimal	14285954
CIELab	94.31, -29.46, 54.28
CIELCh	94, 61.762, 118.491
Yxy	85.9842, 0.3596, 0.4583
Android (android.graphics.Color)	4292476034 (0xFFD9FC82)
YUV	227.6270, -48.1301, -9.3199
Hunter-Lab	92.7277, -32.4233, 43.0672

# Details

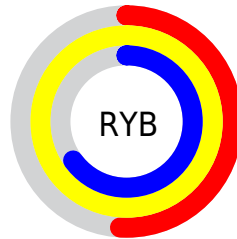
The Android color **4292476034** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **4289037052**, and the grayscale version is **4293190884**.

A 20% lighter version of the original color is **4294967225**, and **4288725837** is the 20% darker color. If you saturate the color by 10%, you get **4292017257**, and if you desaturate by 10%, it is **4292934811**.

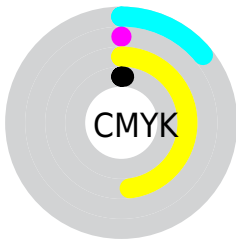
# Distribution



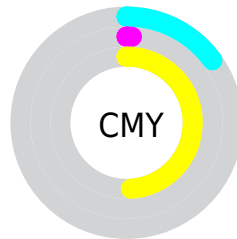
- Red (85%)
- Green (99%)
- Blue (51%)



- Red (51%)
- Yellow (99%)
- Blue (65%)



- Cyan (14%)
- Magenta (0%)
- Yellow (48%)
- Black (1%)



- Cyan (15%)
- Magenta (1%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292476034 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 4292476034 by changing the saturation by 10% instead.



 4292476034

 4292476034

4294967295

 4290568039

 4294967225

 4288725837

 4294967254

 4286883890

 4294967283

 4285107731

 4283397120

 4281686784

 4279845632

 4278201600

 4278196224

 4292476034

 4292476034

 4292017257

 4292934811

 4291558480

 4293393588

 4291034166

 4293917902

 4290575389

 4294376679

 4290116612

 4294835455

 4290051072

 4294966527

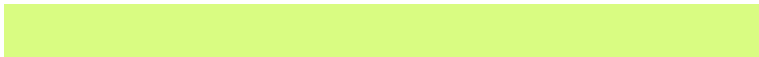
# Harmonies

## Analogous

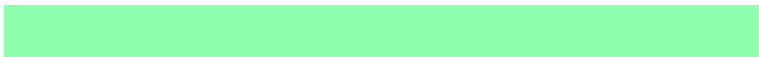
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294961780



4292476034



4287627182

# Triad

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



4292476034



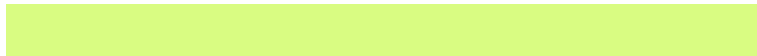
4278255615



4294950388

# Complementary

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



4292476034



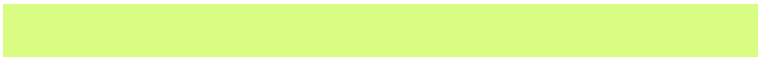
4289037052

# 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.



4294953727



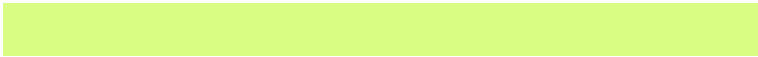
4292476034



4286641919

# Square

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



4292476034



4278255615



4293845247



4294951609

# Rectangle

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



4292476034



4282646485



4293845247



4294951167

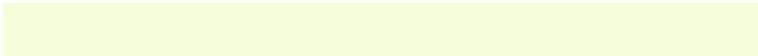


# Sweetspot

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



4292476034



4294246361



4294747522



4286152809



4278190080



4286611584



# Same Dimension

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



4292476034



4292214635



4288478338



4286152048



4287085824



4281089280



# Inverse Universe

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



4289037052



4288048127



4293034748



4285821053



4281729213

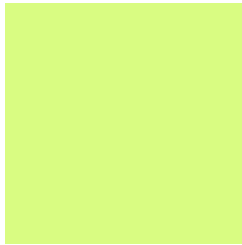


4279369789



# Previews

## White Background



This preview shows how the Android color 4292476034 looks on a white background.

## Color Contrast Check

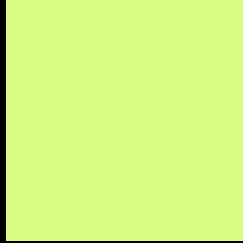
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4292476034 looks on a 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 4292476034 Background



This preview shows how black text looks on a background with the Android color 4292476034.

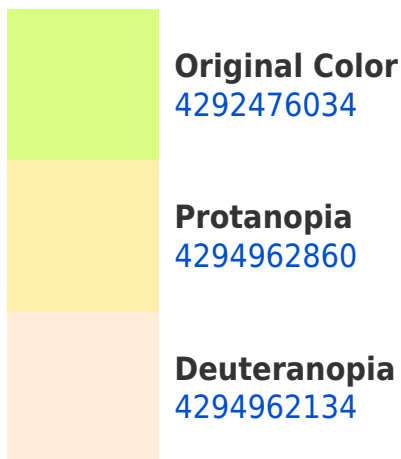


This preview shows how white text looks on a background with the Android color 4292476034.

# 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



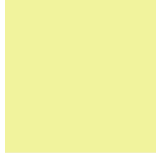


**Tritanopia**  
4293521151

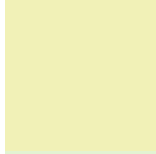
# Trichromacy



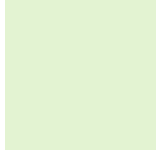
**Original Color**  
4292476034



**Protanomaly**  
4294046621



**Deuteranomaly**  
4294046135

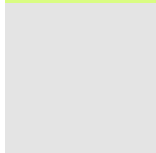


**Tritanomaly**  
4293129170

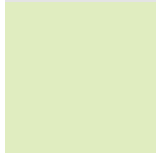
# Monochromacy



**Original Color**  
4292476034



**Achromatopsia**  
4293190884



**Achromatomaly**  
4292931008

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292476034 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(217, 252, 130)` looks like.

```
.text, #text, p{  
    color:rgb(217, 252, 130)  
}
```

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(217, 252, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 252, 130) }
```

## Border

The CSS property to change the border of an element to Android 4292476034 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(217, 252, 130) }
```

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

```
.border{ border-color:rgb(217, 252, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 252, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 252, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 252, 130);  
box-shadow:4px 4px 4px 4px rgb(217, 252,  
130) }
```

# Background

The CSS property to change the background color of an element to Android 4292476034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 252, 130) }
```

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

```
.background{ background-color: rgb(217,  
252, 130) }
```

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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