

# Converting Colors

Android(4291886256)

Have a look what the booklet for  
Android(4291886256) contains.

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# **Color**

**Android(4291886256)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0FCB0
RGB	208, 252, 176
RGB Percent	82%, 99%, 69%
CMY	0.1843, 0.0118, 0.3098
CMYK	0.17, 0.00, 0.30, 0.01
HSL	95°, 93%, 84%
HSV	95°, 30%, 99%
XYZ	68.6593, 86.1653, 54.0871
YIQ	230.1800, -1.8280, -32.9640

# Conversions

## Conversions Part 2

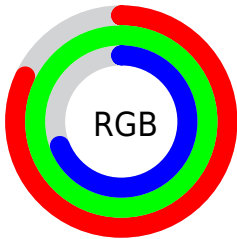
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 252, 220
Decimal	13696176
CIELab	94.38, -27.16, 31.92
CIELCh	94, 41.909, 130.390
Yxy	86.1653, 0.3287, 0.4124
Android (android.graphics.Color)	4291886256 (0xFFD0FCB0)
YUV	230.1800, -26.7107, -19.4519
Hunter-Lab	92.8253, -30.4146, 30.4308

# Details

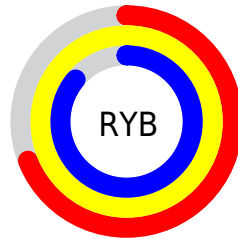
The Android color `4291886256` is a light color, and the websafe version is hex `CCFFCC`. A complement of this color would be `4292653308`, and the grayscale version is `4293322470`.

A 20% lighter version of the original color is `4294967272`, and `4288267131` is the 20% darker color. If you saturate the color by 10%, you get `4290903191`, and if you desaturate by 10%, it is `4292869321`.

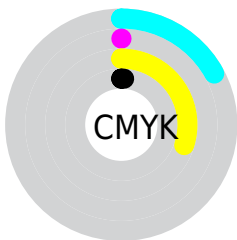
# Distribution



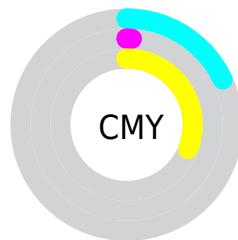
- Red (82%)
- Green (99%)
- Blue (69%)



- Red (69%)
- Yellow (99%)
- Blue (86%)



- Cyan (17%)
- Magenta (0%)
- Yellow (30%)
- Black (1%)



- Cyan (18%)
- Magenta (1%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291886256 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 4291886256 by changing the saturation by 10% instead.



 4291886256

 4291886256

4294967295

 4290043797

 4294967272

 4288267131

 4286490721

 4284779849

 4283135025

 4281490202

 4279845633

 4278201344

 4278196224

 4291886256

 4291886256

 4290903191

 4292869321

 4289985662

 4293786850

 4289002596

 4294769916

 4288085067

 4294966527

 4287102002

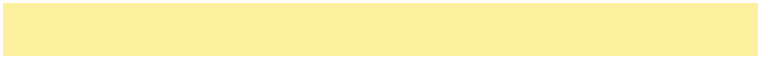
 4286118937

 4285201408

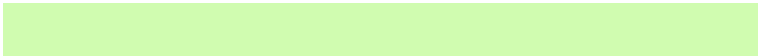
# Harmonies

## Analogous

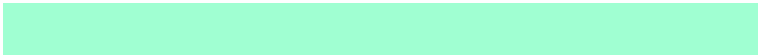
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294832543



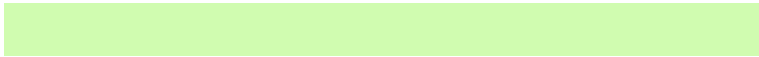
4291886256



4288741330

# Triad

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



4291886256



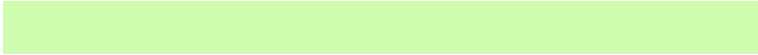
4287691519



4294955234

# Complementary

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



4291886256



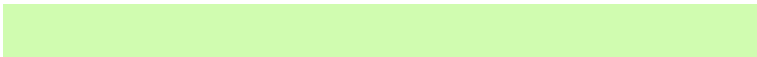
4292653308

# Split Complementary

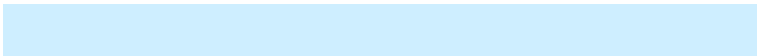
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294956287



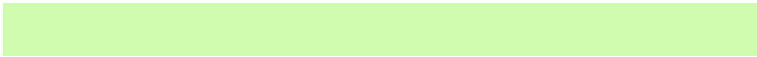
4291886256



4291751679

# Square

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



4291886256



4284940287



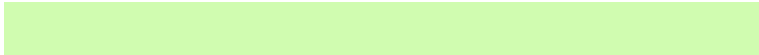
4294959103



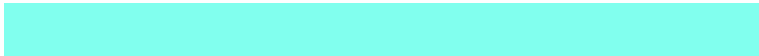
4294956988

# Rectangle

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



4291886256



4286709742



4294959103

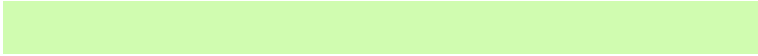


4294955248



# Sweetspot

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



4291886256



4294115304



4294761392



4286021745



4278190080

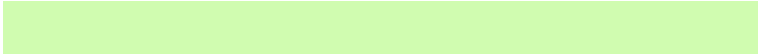


4286611584

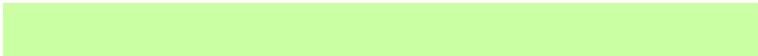


# Same Dimension

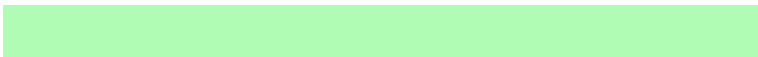
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4291886256



4291493795



4289789109



4285955440



4283415808



4279909632



# Inverse Universe

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



4292653308



4292387839



4294750455



4286083197



4285333693

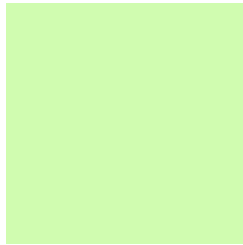


4280483901



# Previews

## White Background



This preview shows how the Android color 4291886256 looks on a white background.

## Color Contrast Check

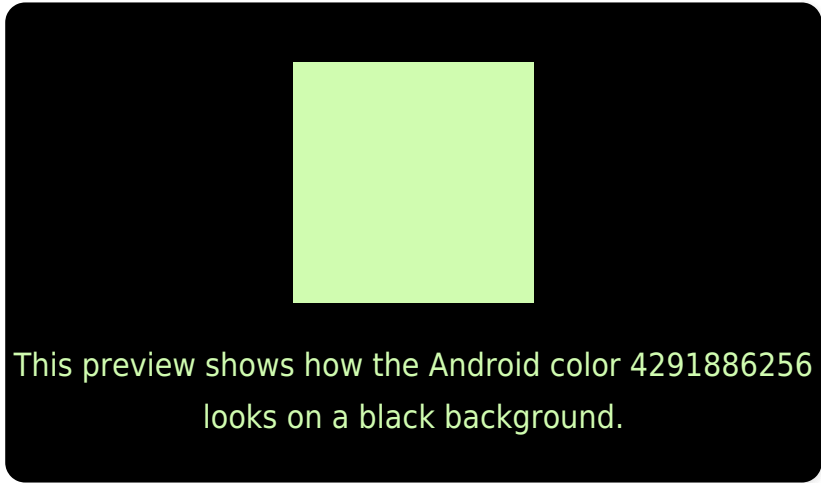
Large Text (above 18pt) WCAG AA × Fail

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

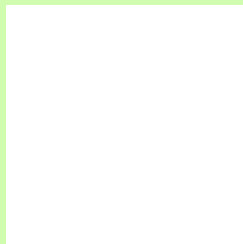
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4291886256 Background



This preview shows how black text looks on a background with the Android color 4291886256.

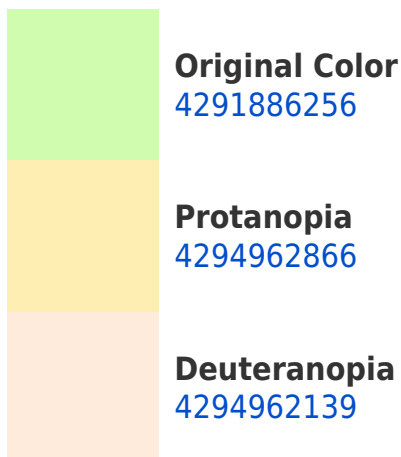


This preview shows how white text looks on a background with the Android color 4291886256.

# Color Blindness Simulation

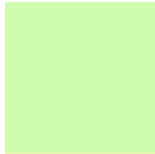
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

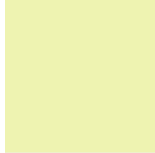




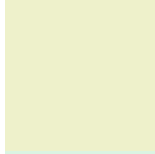
# Trichromacy



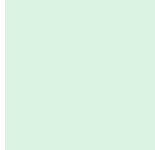
**Original Color**  
4291886256



**Protanomaly**  
4293850033



**Deuteranomaly**  
4293849547

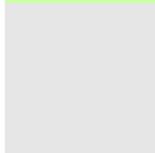


**Tritanomaly**  
4292605154

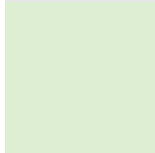
# Monochromacy



**Original Color**  
4291886256



**Achromatopsia**  
4293322470



**Achromatomaly**  
4292800210

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291886256 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(208, 252, 176)` looks like.

```
.text, #text, p{  
    color:rgb(208, 252, 176)  
}
```

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(208, 252, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 252, 176) }
```

## Border

The CSS property to change the border of an element to Android 4291886256 is called "border". The border property can be set on classes, ids or directly on the HTML element.

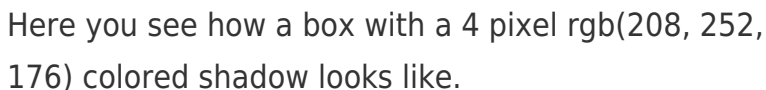
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 252, 176) }
```

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

```
.border{ border-color:rgb(208, 252, 176) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 252, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 252, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 252, 176);  
box-shadow:4px 4px 4px 4px rgb(208, 252,  
176) }
```

# Background

The CSS property to change the background color of an element to Android 4291886256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 252, 176) }
```

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

```
.background{ background-color: rgb(208,  
252, 176) }
```

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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