

# Converting Colors

Android(4292804033)

Have a look what the booklet for  
Android(4292804033) contains.

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# **Color**

**Android(4292804033)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DEFDC1
RGB	222, 253, 193
RGB Percent	87%, 99%, 76%
CMY	0.1294, 0.0078, 0.2431
CMYK	0.12, 0.00, 0.24, 0.01
HSL	91°, 94%, 87%
HSV	91°, 24%, 99%
XYZ	74.8751, 89.6304, 63.8061
YIQ	236.8910, 0.7840, -25.2320

# Conversions

## Conversions Part 2

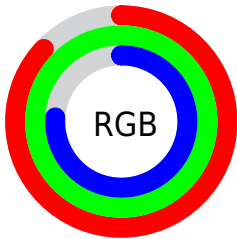
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 253, 224
Decimal	14613953
CIE <sub>Lab</sub>	95.84, -20.30, 25.47
CIE <sub>LCh</sub>	96, 32.570, 128.559
Yxy	89.6304, 0.3280, 0.3926
Android (android.graphics.Color)	4292804033 (0xFFDEFDC1)
YUV	236.8910, -21.6383, -13.0594
Hunter-Lab	94.6733, -24.5065, 26.3122

# Details

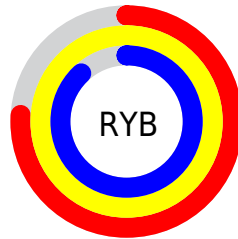
The Android color `4292804033` is a light color, and the websafe version is hex `CCFFCC`. A complement of this color would be `4292919805`, and the grayscale version is `4293783021`.

A 20% lighter version of the original color is `4294967290`, and `4289119371` is the 20% darker color. If you saturate the color by 10%, you get `4291952040`, and if you desaturate by 10%, it is `4293656026`.

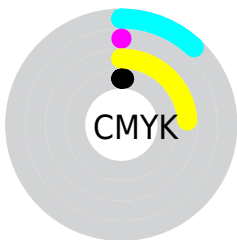
# Distribution



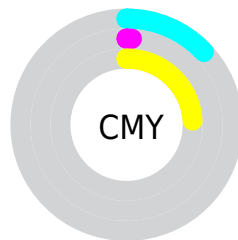
- Red (87%)
- Green (99%)
- Blue (76%)



- Red (76%)
- Yellow (99%)
- Blue (88%)



- Cyan (12%)
- Magenta (0%)
- Yellow (24%)
- Black (1%)



- Cyan (13%)
- Magenta (1%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292804033 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 4292804033 by changing the saturation by 10% instead.



 4292804033

 4292804033

4294967295

 4290961574

 4294967290

 4289119371

 4287408497

 4285697625

 4284052801

 4282407978


 4280894484

 4279512576


 4278196992

 4292804033

 4292804033

 4291952040

 4293656026

 4291100046

 4294508020

 4290248053

 4294966783

 4289396060

 4288544067

 4287692073

 4286774544

 4286250240

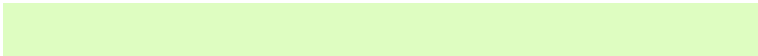
# Harmonies

## Analogous

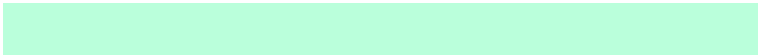
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294964405



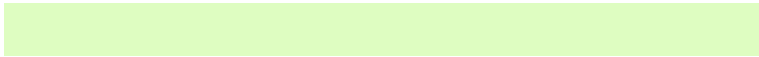
4292804033



4290445275

# Triad

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



4292804033



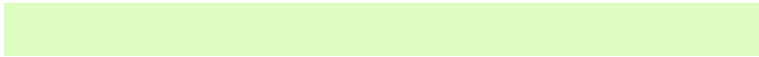
4289723903



4294958315

# Complementary

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



4292804033



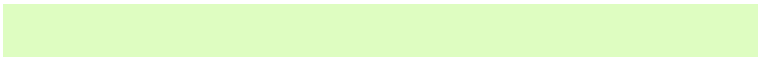
4292919805

# Split Complementary

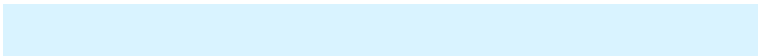
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294959103



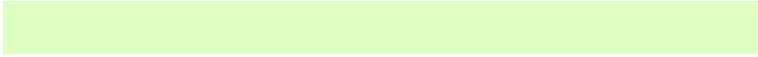
4292804033



4292473855

# Square

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



4292804033



4288151551



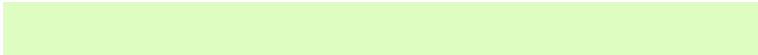
4294961407



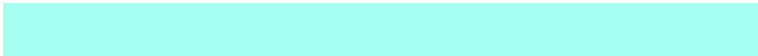
4294959309

# Rectangle

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



4292804033



4289134576



4294961407

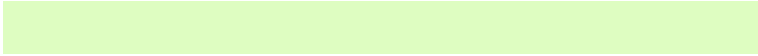


4294958326



# Sweetspot

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



4292804033



4294377453



4294828225



4286218357



4278190080

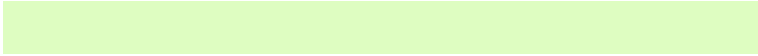


4286611584

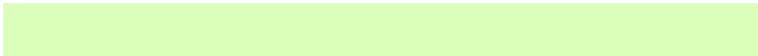


# Same Dimension

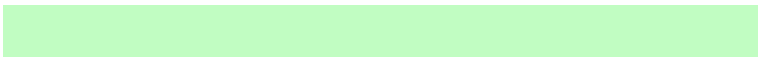
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4292804033



4292542392



4290903490



4286152819



4284268288



4280238080



# Inverse Universe

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



4292919805



4292655359



4294820348



4286149504



4284678335

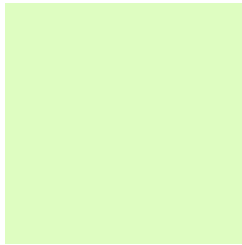


4280352832



# Previews

## White Background



This preview shows how the Android color 4292804033 looks on a white background.

## Color Contrast Check

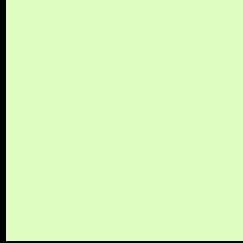
Large Text (above 18pt) WCAG AA × Fail

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 4292804033 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

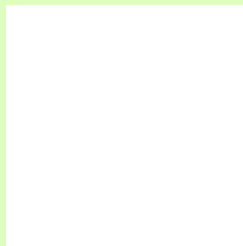
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4292804033 Background



This preview shows how black text looks on a background with the Android color 4292804033.

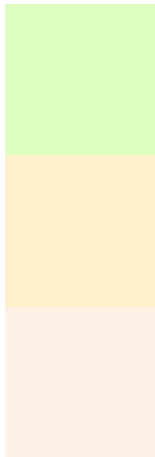


This preview shows how white text looks on a background with the Android color 4292804033.

# 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**  
4292804033

**Protanopia**  
4294963915

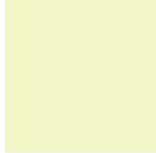
**Deuteranopia**  
4294963430



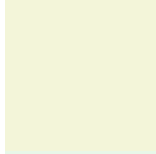
# Trichromacy



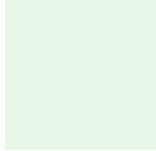
**Original Color**  
4292804033



**Protanomaly**  
4294178503

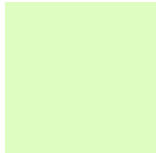


**Deuteranomaly**  
4294178265

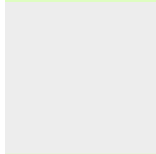


**Tritanomaly**  
4293457896

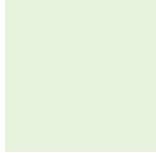
# Monochromacy



**Original Color**  
4292804033



**Achromatopsia**  
4293783021



**Achromatomaly**  
4293456861

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292804033 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(222, 253, 193)` looks like.

```
.text, #text, p{  
    color:rgb(222, 253, 193)  
}
```

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(222, 253, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 253, 193) }
```

## Border

The CSS property to change the border of an element to Android 4292804033 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(222, 253, 193) }
```

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

```
.border{ border-color:rgb(222, 253, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 253, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 253, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 253, 193);  
box-shadow:4px 4px 4px 4px rgb(222, 253,  
193) }
```

# Background

The CSS property to change the background color of an element to Android 4292804033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 253, 193) }
```

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

```
.background{ background-color: rgb(222,  
253, 193) }
```

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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