

# Converting Colors

Android(4293720231)

Have a look what the booklet for  
Android(4293720231) contains.

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# **Color**

**Android(4293720231)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECF8A7
RGB	236, 248, 167
RGB Percent	93%, 97%, 65%
CMY	0.0745, 0.0275, 0.3451
CMYK	0.05, 0.00, 0.33, 0.03
HSL	69°, 85%, 81%
HSV	69°, 33%, 97%
XYZ	75.1345, 87.7577, 49.5381
YIQ	235.1780, 18.8490, -27.7350

# Conversions

## Conversions Part 2

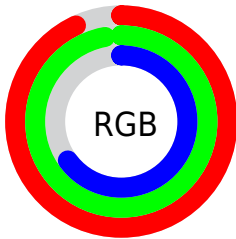
<b>Format</b>	<b>Color</b>
<b>RYB</b>	167, 248, 179
Decimal	15530151
CIELab	95.06, -16.39, 37.66
CIELCh	95, 41.068, 113.518
Yxy	87.7577, 0.3537, 0.4131
Android (android.graphics.Color)	4293720231 (0xFFE8F8A7)
YUV	235.1780, -33.6118, 0.7209
Hunter-Lab	93.6791, -20.7739, 34.2224

# Details

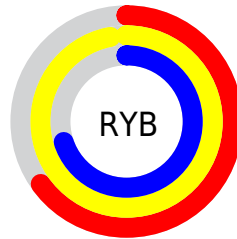
The Android color `4293720231` is a light color, and the websafe version is hex `FFFF99`. A complement of this color would be `4289964024`, and the grayscale version is `4293651435`.

A 20% lighter version of the original color is `4294967263`, and `4289970290` is the 20% darker color. If you saturate the color by 10%, you get `4293458062`, and if you desaturate by 10%, it is `4293982400`.

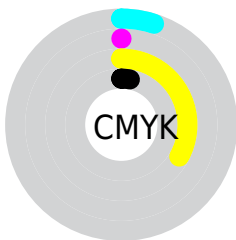
# Distribution



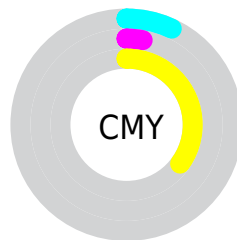
- Red (93%)
- Green (97%)
- Blue (65%)



- Red (65%)
- Yellow (97%)
- Blue (70%)



- Cyan (5%)
- Magenta (0%)
- Yellow (33%)
- Black (3%)



- Cyan (7%)
- Magenta (3%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293720231 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 4293720231 by changing the saturation by 10% instead.





4293720231



4293720231

4294967295



4291812236



4294967263



4289970290



4294967292



4288193881



4286417472



4284707112



4283062286



4281483520



4279905024



4278196224

 4293720231

 4293720231

 4293458062

 4293982400

 4293261429

 4294179033

 4292999261

 4294441201

 4292737092

 4294703359

 4292540459

 4294899967

 4292278290

 4294965503

 4292081664

# Harmonies

## Analogous

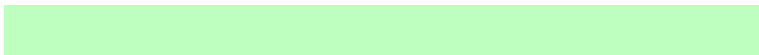
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294962082



4293720231



4290707392

# Triad

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



4293720231



4286251007



4294956283

# Complementary

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



4293720231



4289964024

# 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.



4294958335



4293720231



4289656831

# Square

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



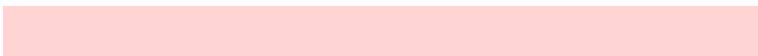
4293720231



4285464575



4293585663



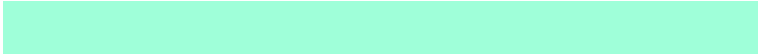
4294956499

# Rectangle

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



4293720231



4288675801



4293585663



4294956799



# Sweetspot

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



4293720231



4294705126



4294488743



4286414960



4278190080



4286611584



# Same Dimension

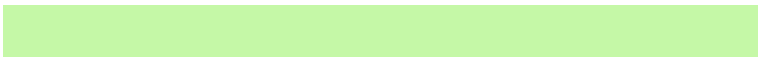
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4293720231



4293984156



4291164327



4286283120



4288789760



4281613568



# Inverse Universe

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



4289964024



4289371391



4292519928



4285689981



4280025277

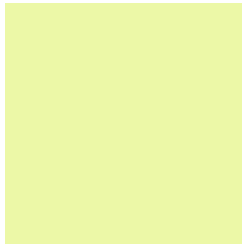


4278779965



# Previews

## White Background



This preview shows how the Android color 4293720231 looks on a white background.

## Color Contrast Check

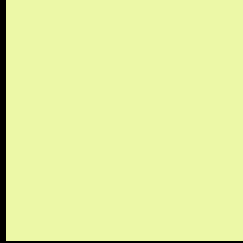
Large Text (above 18pt) WCAG AA × Fail

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 4293720231 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

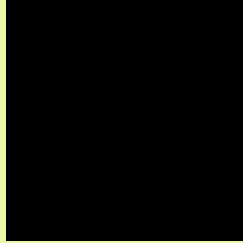
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4293720231 Background



This preview shows how black text looks on a background with the Android color 4293720231.

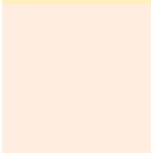


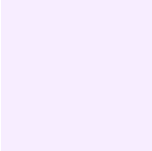
This preview shows how white text looks on a background with the Android color 4293720231.

# 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

	<b>Original Color</b> 4293720231
	<b>Protanopia</b> 4294963389
	<b>Deuteranopia</b> 4294962911

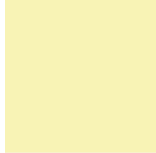


**Tritanopia**  
4294438399

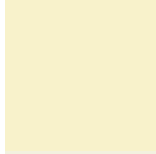
# Trichromacy



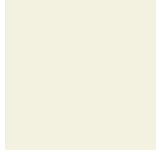
**Original Color**  
4293720231



**Protanomaly**  
4294505397



**Deuteranomaly**  
4294505163

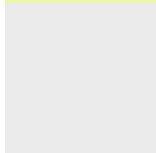


**Tritanomaly**  
4294177247

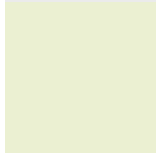
# Monochromacy



**Original Color**  
4293720231



**Achromatopsia**  
4293651435



**Achromatomaly**  
4293652690

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293720231 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(236, 248, 167)` looks like.

```
.text, #text, p{  
    color:rgb(236, 248, 167)  
}
```

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(236, 248, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 248, 167) }
```

## Border

The CSS property to change the border of an element to Android 4293720231 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(236, 248, 167) }
```

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

```
.border{ border-color:rgb(236, 248, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 248, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 248, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 248, 167);  
box-shadow:4px 4px 4px 4px rgb(236, 248,  
167) }
```

# Background

The CSS property to change the background color of an element to Android 4293720231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 248, 167) }
```

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

```
.background{ background-color: rgb(236,  
248, 167) }
```

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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