

# Converting Colors

Android(4294049745)

Have a look what the booklet for  
Android(4294049745) contains.

<b>Android(4294049745)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4294049745)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1FFD1
RGB	241, 255, 209
RGB Percent	95%, 100%, 82%
CMY	0.0549, 0.0000, 0.1804
CMYK	0.05, 0.00, 0.18, 0.00
HSL	78°, 100%, 91%
HSV	78°, 18%, 100%
XYZ	83.5443, 94.8242, 74.2213
YIQ	245.5700, 6.4220, -17.2740

# Conversions

## Conversions Part 2

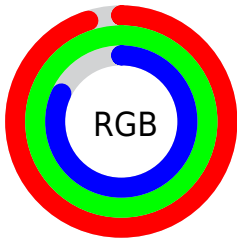
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 255, 223
Decimal	15859665
CIE <sub>Lab</sub>	97.96, -12.26, 20.47
CIE <sub>LCh</sub>	98, 23.864, 120.924
Y <sub>xy</sub>	94.8242, 0.3308, 0.3754
Android (android.graphics.Color)	4294049745 (0xFFFF1FFD1)
YUV	245.5700, -18.0290, -4.0079
Hunter-Lab	97.3777, -17.2687, 22.9736

# Details

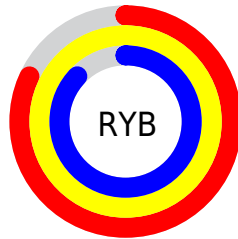
The Android color **4294049745** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **4292858367**, and the grayscale version is **4294375158**.

A 20% lighter version of the original color is **4294967295**, and **4290365082** is the 20% darker color. If you saturate the color by 10%, you get **4293525431**, and if you desaturate by 10%, it is **4294574059**.

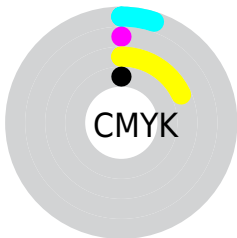
# Distribution



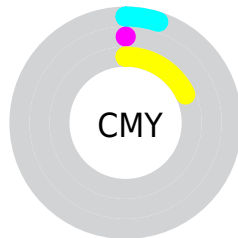
- Red (95%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (87%)



- Cyan (5%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294049745 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 4294049745 by changing the saturation by 10% instead.



 4294049745

 4294049745

4294967295

 4292207285

 4290365082

 4288588672

 4286812263

 4285167439

 4283522616

 4282009122

 4280496140

 4279049216

 4294049745

 4294049745

 4293525431

 4294574059

 4293001118

4294967295

 4292542340

 4292018027

 4291493714

 4290969400

 4290510622

 4289986309

 4289855232

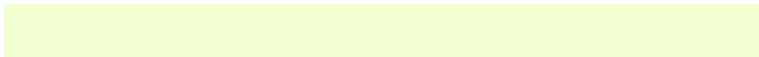
# Harmonies

## Analogous

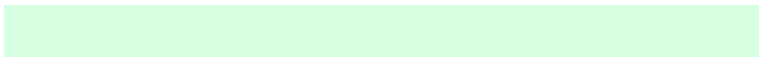
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294965451



4294049745



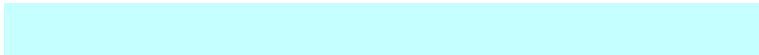
4292345826

# Triad

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



4294049745



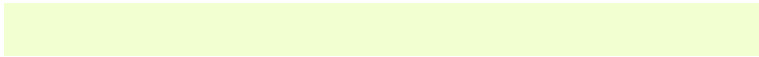
4291231743



4294961657

# Complementary

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



4294049745



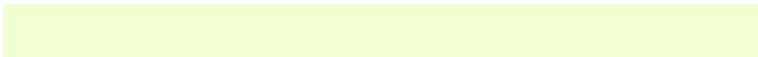
4292858367

# Split Complementary

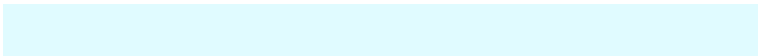
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294962431



4294049745



4292934655

# Square

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



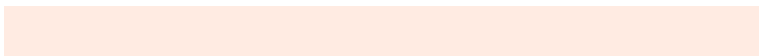
4294049745



4290510847



4294898687



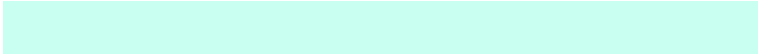
4294962146

# Rectangle

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



4294049745



4291362801



4294898687

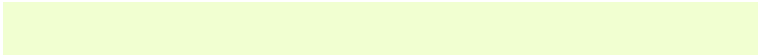


4294961919



# Sweetspot

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



4294049745



4294705138



4294959057



4286414968



4278190080

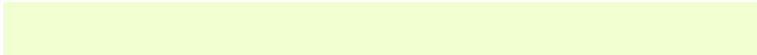


4286611584

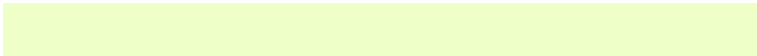


# Same Dimension

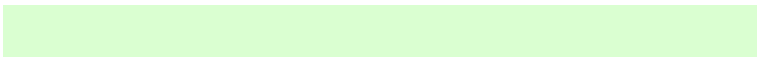
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4294049745



4293853127



4292542417



4286349427



4286955264



4281090048



# Inverse Universe

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



4292858367



4292397055



4294365695



4286018432



4281991359

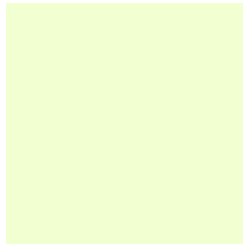


4279435328



# Previews

## White Background



This preview shows how the Android color 4294049745 looks on a white background.

## Color Contrast Check

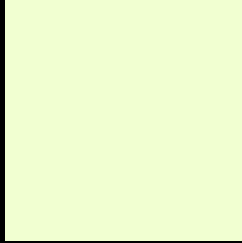
Large Text (above 18pt) WCAG AA × Fail

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 4294049745 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

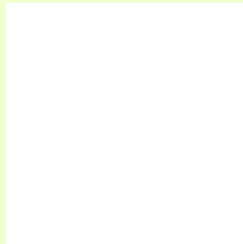
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4294049745 Background



This preview shows how black text looks on a background with the Android color 4294049745.

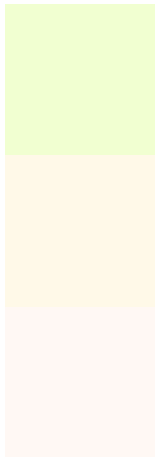


This preview shows how white text looks on a background with the Android color 4294049745.

# 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**  
4294049745

**Protanopia**  
4294965736

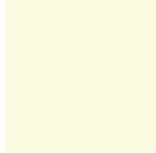
**Deuteranopia**  
4294965492

**Tritanopia**  
4294572287

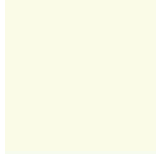
# Trichromacy



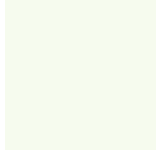
**Original Color**  
4294049745



**Protanomaly**  
4294638560

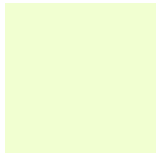


**Deuteranomaly**  
4294638567

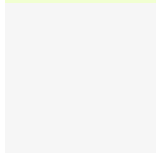


**Tritanomaly**  
4294376430

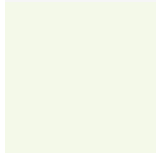
# Monochromacy



**Original Color**  
4294049745



**Achromatopsia**  
4294375158



**Achromatomaly**  
4294244841

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294049745 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(241, 255, 209)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 209)  
}
```

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(241, 255, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 209) }
```

## Border

The CSS property to change the border of an element to Android 4294049745 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(241, 255, 209) }
```

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

```
.border{ border-color:rgb(241, 255, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 255, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 209);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
209) }
```

# Background

The CSS property to change the background color of an element to Android 4294049745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 209) }
```

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

```
.background{ background-color: rgb(241,  
255, 209) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor