

# Converting Colors

Android(4293066403)

Have a look what the booklet for  
Android(4293066403) contains.

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# **Color**

**Android(4293066403)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2FEA3
RGB	226, 254, 163
RGB Percent	89%, 100%, 64%
CMY	0.1137, 0.0039, 0.3608
CMYK	0.11, 0.00, 0.36, 0.00
HSL	78°, 98%, 82%
HSV	78°, 36%, 100%
XYZ	73.4167, 89.6967, 48.0941
YIQ	235.2540, 12.5230, -34.2370

# Conversions

## Conversions Part 2

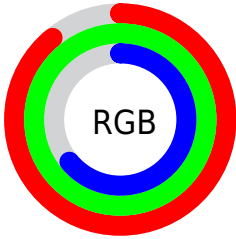
<b>Format</b>	<b>Color</b>
<b>RYB</b>	163, 254, 191
Decimal	14876323
CIELab	95.87, -23.44, 40.57
CIELCh	96, 46.851, 120.018
Yxy	89.6967, 0.3476, 0.4247
Android (android.graphics.Color)	4293066403 (0xFFE2FEA3)
YUV	235.2540, -35.6212, -8.1158
Hunter-Lab	94.7084, -27.3687, 36.1877

# Details

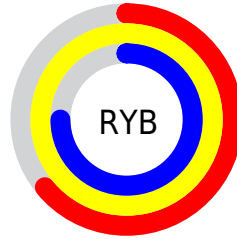
The Android color `4293066403` is a light color, and the websafe version is hex `CCFF99`. A complement of this color would be `4290749438`, and the grayscale version is `4293717228`.

A 20% lighter version of the original color is `4294967259`, and `4289381742` is the 20% darker color. If you saturate the color by 10%, you get `4292542090`, and if you desaturate by 10%, it is `4293590716`.

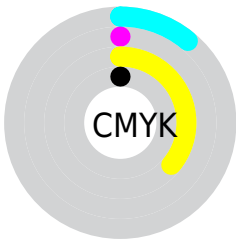
# Distribution



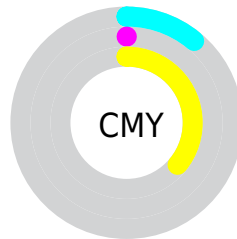
- Red (89%)
- Green (100%)
- Blue (64%)



- Red (64%)
- Yellow (100%)
- Blue (75%)



- Cyan (11%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293066403 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 4293066403 by changing the saturation by 10% instead.



 4293066403

 4293066403

4294967295

 4291158408

 4294967259

 4289381742

 4294967288

 4287539797

 4285828924

 4284118563

 4282473734

 4280894720

 4279119616

 4278197248

■ 4293066403

■ 4293066403

■ 4292542090

■ 4293590716

■ 4292017776

■ 4294115030

■ 4291558999

■ 4294573807

■ 4291034685

4294967039

■ 4290510372

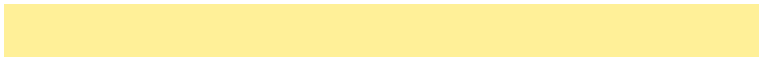
■ 4289986059

■ 4289789440

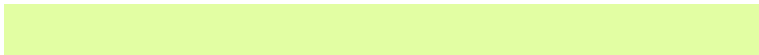
# Harmonies

## Analogous

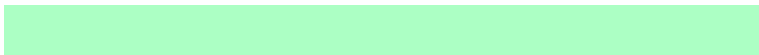
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294963352



4293066403



4289527748

# Triad

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



4293066403



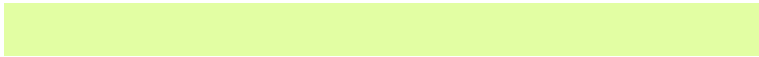
4285071359



4294955253

# Complementary

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



4293066403



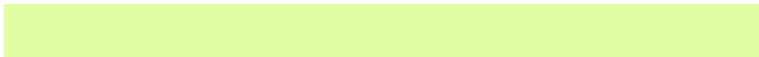
4290749438

# 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.



4294957311



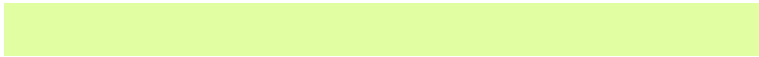
4293066403



4289984511

# Square

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



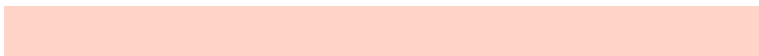
4293066403



4282646527



4294567935



4294956232

# Rectangle

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



4293066403



4286971874



4294567935

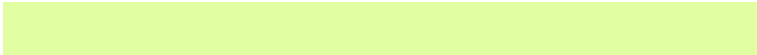


4294955775

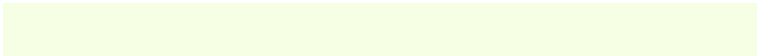


# Sweetspot

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



4293066403



4294377443



4294885027



4286218351



4278190080

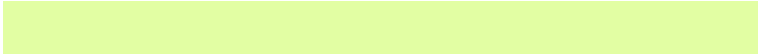


4286611584

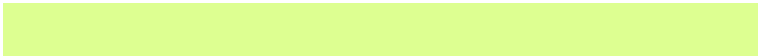


# Same Dimension

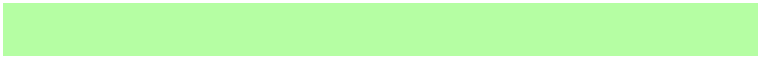
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4293066403



4292738961



4290117283



4286349427



4286889728



4281090048



# Inverse Universe

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



4290749438



4289958399



4293698558



4286018432



4282056895



4279500864



# Previews

## White Background



This preview shows how the Android color 4293066403 looks on a white background.

## Color Contrast Check

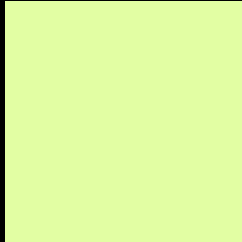
Large Text (above 18pt) WCAG AA × Fail

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 4293066403 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

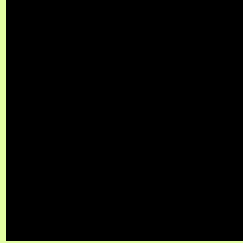
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

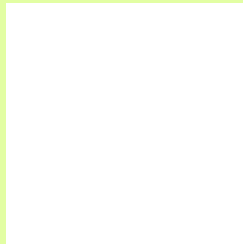
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4293066403 Background



This preview shows how black text looks on a background with the Android color 4293066403.

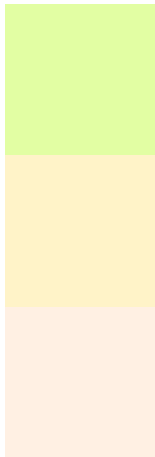


This preview shows how white text looks on a background with the Android color 4293066403.

# 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**  
4293066403

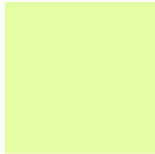
**Protanopia**  
4294964168

**Deuteranopia**  
4294963427

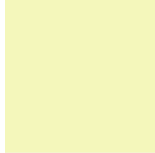


**Tritanopia**  
4293980927

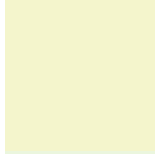
# Trichromacy



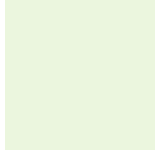
**Original Color**  
4293066403



**Protanomaly**  
4294244283



**Deuteranomaly**  
4294243788

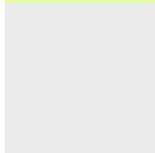


**Tritanomaly**  
4293654238

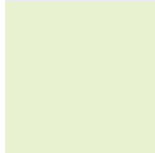
# Monochromacy



**Original Color**  
4293066403



**Achromatopsia**  
4293651435



**Achromatomaly**  
4293456593

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293066403 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(226, 254, 163)` looks like.

```
.text, #text, p{  
    color:rgb(226, 254, 163)  
}
```

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(226, 254, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 254, 163) }
```

## Border

The CSS property to change the border of an element to Android 4293066403 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(226, 254, 163) }
```

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

```
.border{ border-color:rgb(226, 254, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 254, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 254, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 254, 163);  
box-shadow:4px 4px 4px 4px rgb(226, 254,  
163) }
```

# Background

The CSS property to change the background color of an element to Android 4293066403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 254, 163) }
```

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

```
.background{ background-color: rgb(226,  
254, 163) }
```

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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