

# Converting Colors

Android(4294965913)

Have a look what the booklet for  
Android(4294965913) contains.

<b>Android(4294965913)</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(4294965913)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFA99
RGB	255, 250, 153
RGB Percent	100%, 98%, 60%
CMY	0.0000, 0.0196, 0.4000
CMYK	0.00, 0.02, 0.40, 0.00
HSL	57°, 100%, 80%
HSV	57°, 40%, 100%
XYZ	81.1754, 91.9311, 43.6031
YIQ	240.4370, 34.1170, -29.1070

# Conversions

## Conversions Part 2

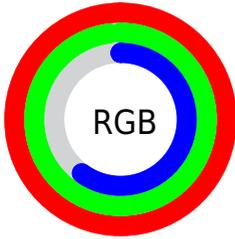
<b>Format</b>	<b>Color</b>
<b>RYB</b>	158, 255, 153
Decimal	16775833
CIELab	96.79, -11.79, 47.05
CIELCh	97, 48.506, 104.064
Yxy	91.9311, 0.3746, 0.4242
Android (android.graphics.Color)	4294965913 (0xFFFFFA99)
YUV	240.4370, -43.1064, 12.7718
Hunter-Lab	95.8807, -16.6680, 40.1536

# Details

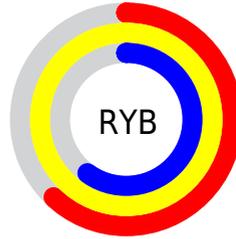
The Android color `4294965913` is a light color, and the websafe version is hex `FFFF99`. A complement of this color would be `4288257791`, and the grayscale version is `4294046193`.

A 20% lighter version of the original color is `4294967249`, and `4291150436` is the 20% darker color. If you saturate the color by 10%, you get `4294965632`, and if you desaturate by 10%, it is `4294966195`.

# Distribution



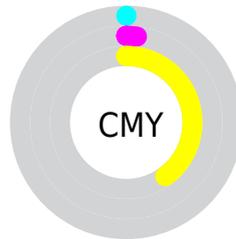
- Red (100%)
- Green (98%)
- Blue (60%)



- Red (62%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (2%)
- Yellow (40%)
- Black (0%)



- Cyan (0%)
- Magenta (2%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294965913 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 4294965913 by changing the saturation by 10% instead.

 4294965913

 4294965913

4294967295

 4293057918

 4294967249

 4291150436

 4294967277

 4289242954

 4287466545

 4285690646

 4283980288

 4282336000

 4280626432

 4278720768

 4294965913

 4294965913

 4294965632

 4294966195

 4294965350

 4294966732

 4294964813

 4294967014

 4294964531

4294967295

 4294964249

 4294963968

# Harmonies

## Analogous

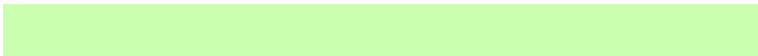
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294961819



4294965913



4291493808

# Triad

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



4294965913



4282187775



4294956287

# Complementary

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



4294965913



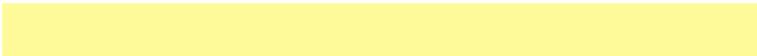
4288257791

# 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.



4294959871



4294965913



4287102975

# Square

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



4294965913



4283432959



4292277247



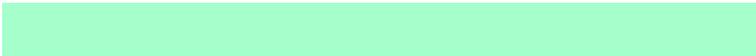
4294955745

# Rectangle

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



4294965913



4289003467



4292277247



4294957311

# Sweetspot

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



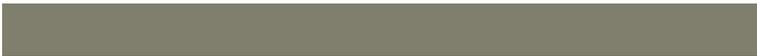
4294965913



4294967008



4294941086



4286611310



4278190080



4286611584



# Same Dimension

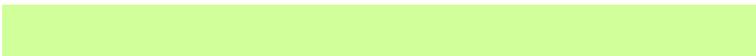
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4294965913



4294965637



4291952537



4286611315



4290754048



4282400000



# Inverse Universe

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



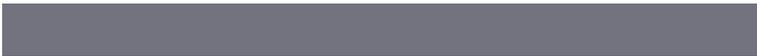
4288257791



4286942207



4291271167



4285756288



4278192575

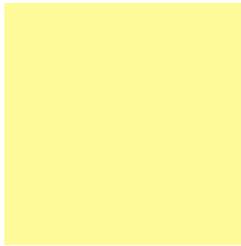


4278190912



# Previews

## White Background



This preview shows how the Android color 4294965913 looks on a white background.

## Color Contrast Check

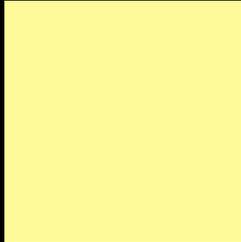
Large Text (above 18pt) WCAG AA × Fail

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 4294965913 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

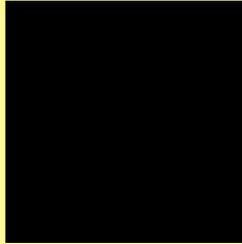
Any Text WCAG AA ✓ Pass

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 4294965913 Background



This preview shows how black text looks on a background with the Android color 4294965913.



This preview shows how white text looks on a background with the Android color 4294965913.

# 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**  
4294965913

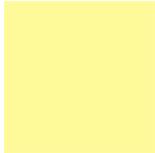
**Protanopia**  
4294964950

**Deuteranopia**  
4294964458



**Tritanopia**  
4294963962

# Trichromacy



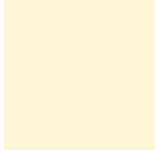
**Original Color**  
4294965913



**Protanomaly**  
4294965184

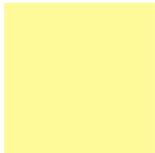


**Deuteranomaly**  
4294964941

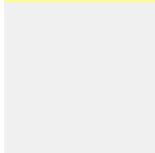


**Tritanomaly**  
4294964695

# Monochromacy



**Original Color**  
4294965913



**Achromatopsia**  
4293980400



**Achromatomaly**  
4294309072

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294965913 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(255, 250, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 153)  
}
```

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(255, 250, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 153) }
```

## Border

The CSS property to change the border of an element to Android 4294965913 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(255, 250, 153) }
```

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

```
.border{ border-color:rgb(255, 250, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 250, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
153) }
```

# Background

The CSS property to change the background color of an element to Android 4294965913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 153) }
```

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

```
.background{ background-color: rgb(255,  
250, 153) }
```

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