

# Converting Colors

Android(4294965900)

Have a look what the booklet for  
Android(4294965900) contains.

<b>Android(4294965900)</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(4294965900)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFA8C
RGB	255, 250, 140
RGB Percent	100%, 98%, 55%
CMY	0.0000, 0.0196, 0.4510
CMYK	0.00, 0.02, 0.45, 0.00
HSL	57°, 100%, 77%
HSV	57°, 45%, 100%
XYZ	80.1592, 91.5247, 38.2521
YIQ	238.9550, 38.2900, -33.1500

# Conversions

## Conversions Part 2

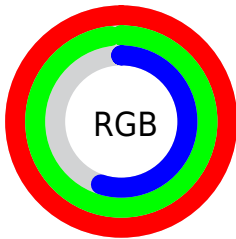
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">145, 255, 140</a>
Decimal	<a href="#">16775820</a>
CIELab	<a href="#">96.63, -13.06, 53.06</a>
CIELCh	<a href="#">97, 54.643, 103.825</a>
Yxy	<a href="#">91.5247, 0.3818, 0.4360</a>
Android (android.graphics.Color)	<a href="#">4294965900 (0xFFFFFA8C)</a>
YUV	<a href="#">238.9550, -48.7848, 14.0715</a>
Hunter-Lab	<a href="#">95.6685, -17.8574, 43.2614</a>

# Details

The Android color `4294965900` is a light color, and the websafe version is hex `FFFF99`. A complement of this color would be `4287402495`, and the grayscale version is `4293914607`.

A 20% lighter version of the original color is `4294967235`, and `4291084887` is the 20% darker color. If you saturate the color by 10%, you get `4294965619`, and if you desaturate by 10%, it is `4294966182`.

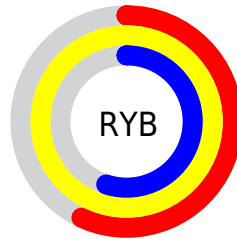
# Distribution



Red (100%)

Green (98%)

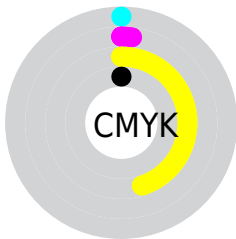
Blue (55%)



Red (57%)

Yellow (100%)

Blue (55%)

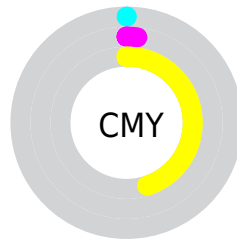


Cyan (0%)

Magenta (2%)

Yellow (45%)

Black (0%)



Cyan (0%)

Magenta (2%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294965900 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 4294965900 by changing the saturation by 10% instead.





4294965900



4294965900

4294967295



4292992625



4294967235



4291084887



4294967264



4289242941

4294967293



4287400993



4285625088



4283849472



4282204928



4280495360



4278393344

 4294965900

 4294965900

 4294965619

 4294966182

 4294965337

 4294966463

 4294965056

 4294966745

 4294964774

 4294967026

 4294964237

4294967295

 4294964224

# Harmonies

## Analogous

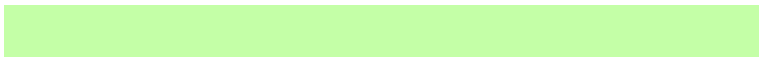
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294961295



4294965900



4291100583

# Triad

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



4294965900



4278255615



4294955007

# Complementary

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



4294965900



4287402495

# 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.



4294958847



4294965900



4285005823

# Square

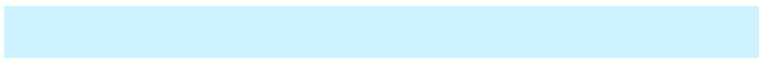
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4294965900



4278255615



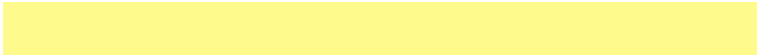
4291752703



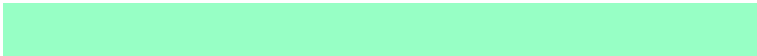
4294953951

# Rectangle

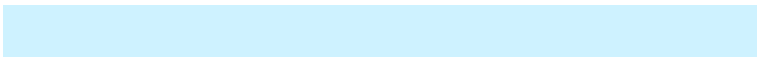
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294965900



4288151493



4291752703



4294956031



# Sweetspot

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



4294965900



4294966747



4294937746



4286611306



4278190080



4286611584



# Same Dimension

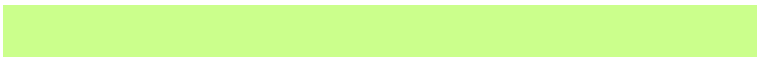
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4294965900



4294965621



4291559308



4286611315



4290754304



4282400000



# Inverse Universe

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



4287402495



4285889535



4290809087



4285756288



4278192319

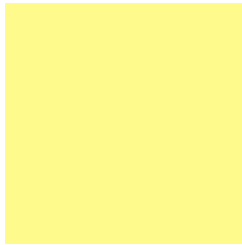


4278190912



# Previews

## White Background



This preview shows how the Android color 4294965900 looks on a white background.

## Color Contrast Check

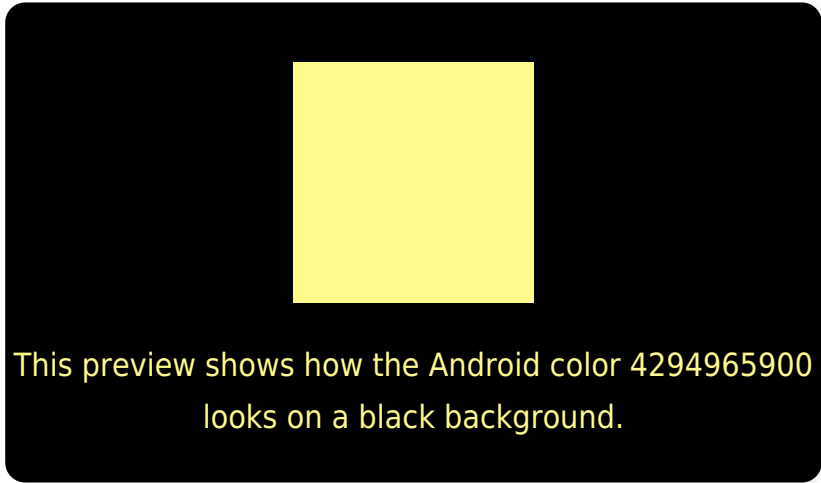
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 4294965900 Background



This preview shows how black text looks on a background with the Android color 4294965900.

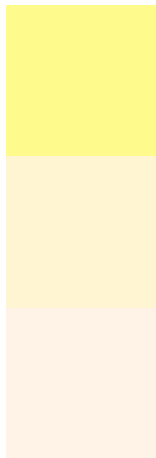


This preview shows how white text looks on a background with the Android color 4294965900.

# 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**  
4294965900

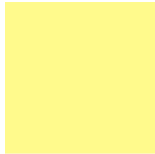
**Protanopia**  
4294964691

**Deuteranopia**  
4294964200



**Tritanopia**  
4294963962

# Trichromacy



**Original Color**  
4294965900



**Protanomaly**  
4294965177



**Deuteranomaly**  
4294964935

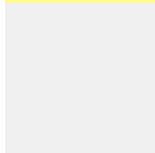


**Tritanomaly**  
4294964690

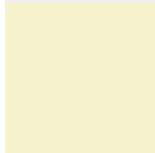
# Monochromacy



**Original Color**  
4294965900



**Achromatopsia**  
4293914607



**Achromatomaly**  
4294308811

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294965900 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 140) }
```

## Border

The CSS property to change the border of an element to Android 4294965900 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, 140) }
```

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

```
.border{ border-color:rgb(255, 250, 140) }
```

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, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
140) }
```

# Background

The CSS property to change the background color of an element to Android 4294965900 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, 140) }
```

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

```
.background{ background-color: rgb(255,  
250, 140) }
```

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