

# Converting Colors

Android(4294966945)

Have a look what the booklet for  
Android(4294966945) contains.

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# **Color**

**Android(4294966945)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFEA1
RGB	255, 254, 161
RGB Percent	100%, 100%, 63%
CMY	0.0000, 0.0039, 0.3686
CMYK	0.00, 0.00, 0.37, 0.00
HSL	59°, 100%, 82%
HSV	59°, 37%, 100%
XYZ	83.1148, 94.7168, 47.6198
YIQ	243.6970, 30.4490, -28.7110

# Conversions

## Conversions Part 2

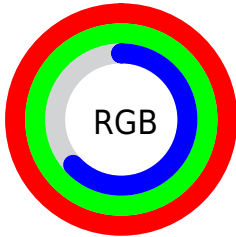
Format	Color
R <sub>Y</sub> B	162, 255, 161
Decimal	16776865
CIE Lab	97.92, -12.90, 44.60
CIE LCh	98, 46.430, 106.132
Yxy	94.7168, 0.3687, 0.4201
Android (android.graphics.Color)	4294966945 (0xFFFFFEA1)
YUV	243.6970, -40.7696, 9.9127
Hunter-Lab	97.3226, -17.8730, 39.1153

# Details

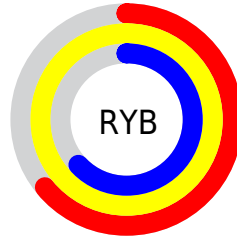
The Android color `4294966945` is a light color, and the websafe version is hex `FFFF99`. A complement of this color would be `4288783103`, and the grayscale version is `4294243572`.

A 20% lighter version of the original color is `4294967257`, and `4291151212` is the 20% darker color. If you saturate the color by 10%, you get `4294966919`, and if you desaturate by 10%, it is `4294966971`.

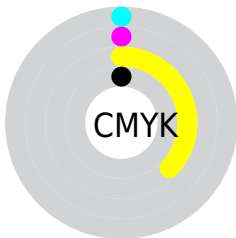
# Distribution



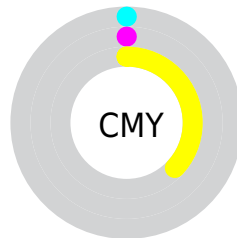
- Red (100%)
- Green (100%)
- Blue (63%)



- Red (64%)
- Yellow (100%)
- Blue (63%)



- Cyan (0%)
- Magenta (0%)
- Yellow (37%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294966945 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 4294966945 by changing the saturation by 10% instead.





4294966945



4294966945

4294967295



4293058950



4294967257



4291151212



4294967286



4289309266



4287467577



4285756960



4283981313



4282402304



4280758272



4278918144

 4294966945

 4294966945

 4294966919

 4294966971

 4294966638

 4294967252

 4294966612

 4294967278

 4294966587

4294967295

 4294966561

 4294966280

 4294966272

# Harmonies

## Analogous

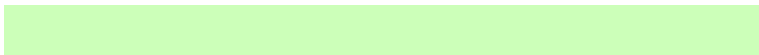
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294963106



4294966945



4291624889

# Triad

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



4294966945



4284088319



4294957567

# Complementary

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



4294966945



4288783103

# 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.



4294960639



4294966945



4288217087

# Square

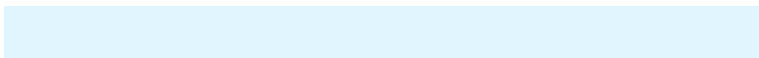
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4294966945



4284481535



4292933119



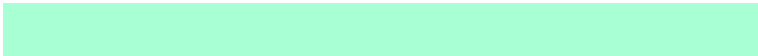
4294957026

# Rectangle

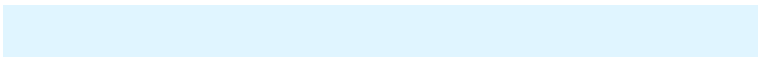
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294966945



4289200083



4292933119

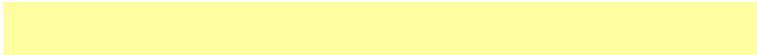


4294958335



# Sweetspot

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



4294966945



4294967267



4294943139



4286611311



4278190080



4286611584



# Same Dimension

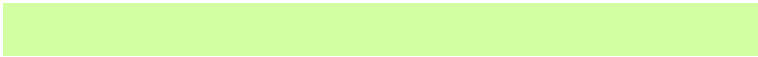
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4294966945



4294966927



4292018081



4286611315



4290755840



4282400512



# Inverse Universe

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



4288783103



4287598847



4291731967



4285756288



4278190783

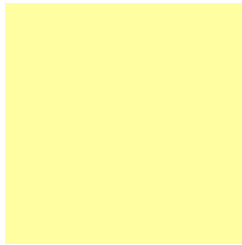


4278190400



# Previews

## White Background



This preview shows how the Android color 4294966945 looks on a white background.

## Color Contrast Check

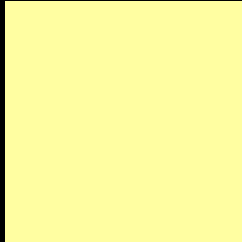
Large Text (above 18pt) WCAG AA × Fail

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 4294966945 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 4294966945 Background



This preview shows how black text looks on a background with the Android color 4294966945.



This preview shows how white text looks on a background with the Android color 4294966945.

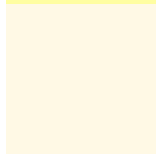
# Color Blindness Simulation

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](#).

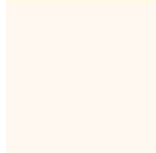
## Dichromacy




**Original Color**  
4294966945



**Protanopia**  
4294965733

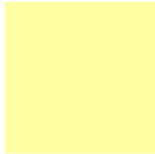


**Deuteranopia**  
4294965489



**Tritanopia**  
4294965245

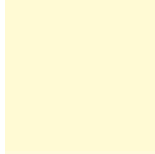
# Trichromacy



**Original Color**  
4294966945



**Protanomaly**  
4294966220



**Deuteranomaly**  
4294965972

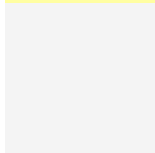


**Tritanomaly**  
4294965980

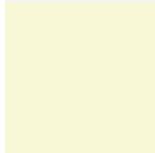
# Monochromacy



**Original Color**  
4294966945



**Achromatopsia**  
4294243572



**Achromatomaly**  
4294506710

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294966945 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, 254, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 161)  
}
```

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, 254, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 161) }
```

## Border

The CSS property to change the border of an element to Android 4294966945 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, 254, 161) }
```

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

```
.border{ border-color:rgb(255, 254, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 254, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
161) }
```

# Background

The CSS property to change the background color of an element to Android 4294966945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 161) }
```

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

```
.background{ background-color: rgb(255,  
254, 161) }
```

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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