

# Converting Colors

Android(4294961745)

Have a look what the booklet for  
Android(4294961745) contains.

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# **Color**

**Android(4294961745)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFEA51
RGB	255, 234, 81
RGB Percent	100%, 92%, 32%
CMY	0.0000, 0.0824, 0.6824
CMYK	0.00, 0.08, 0.68, 0.00
HSL	53°, 100%, 66%
HSV	53°, 68%, 100%
XYZ	72.1480, 80.6997, 19.5586
YIQ	222.8370, 61.6290, -43.1310

# Conversions

## Conversions Part 2

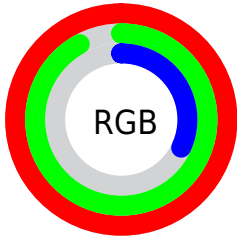
<b>Format</b>	<b>Color</b>
<b>RYB</b>	105, 255, 81
Decimal	16771665
CIELab	92.00, -9.40, 73.36
CIELCh	92, 73.957, 97.304
Yxy	80.6997, 0.4185, 0.4681
Android (android.graphics.Color)	4294961745 (0xFFFEA51)
YUV	222.8370, -69.9256, 28.2070
Hunter-Lab	89.8330, -13.8482, 49.9744

# Details

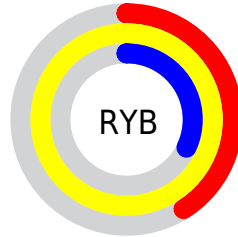
The Android color **4294961745** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **4283524863**, and the grayscale version is **4292861919**.

A 20% lighter version of the original color is **4294967178**, and **4291015429** is the 20% darker color. If you saturate the color by 10%, you get **4294960952**, and if you desaturate by 10%, it is **4294962538**.

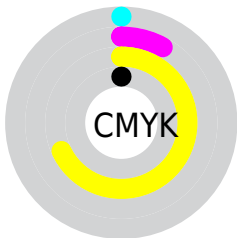
# Distribution



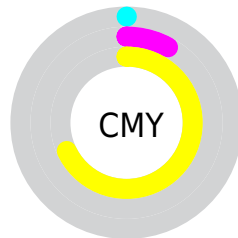
- Red (100%)
- Green (92%)
- Blue (32%)



- Red (41%)
- Yellow (100%)
- Blue (32%)



- Cyan (0%)
- Magenta (8%)
- Yellow (68%)
- Black (0%)



- Cyan (0%)
- Magenta (8%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294961745 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 4294961745 by changing the saturation by 10% instead.





4294961745



4294961745

4294967295



4292988467



4294967178



4291015429



4294967206



4289042432



4294967235



4287135232



4294967264



4285294080

4294967294



4283452928



4281743104



4280099328



4278193408

■ 4294961745

■ 4294961745

■ 4294960952

■ 4294962538

■ 4294960158

■ 4294963332

■ 4294959365

■ 4294964126

■ 4294959104

■ 4294964919

■ 4294965713

■ 4294966506

4294967295

# Harmonies

## Analogous

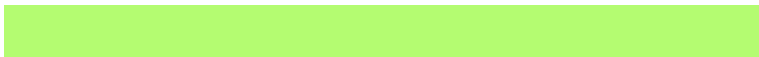
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294955362



4294961745



4290051185

# Triad

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



4294961745



4278255615



4294947839

# Complementary

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



4294961745



4283524863

# 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.



4294954751



4294961745



4278255359

# Square

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



4294961745



4278255608



4286573311



4294944985

# Rectangle

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



4294961745



4285595544



4286573311



4294949887



# Sweetspot

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



4294961745



4294965708



4294922600



4286610529



4278190080



4286611584



# Same Dimension

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



4294961745



4294960686



4290772817



4286611059



4290750464



4282398720



# Inverse Universe

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



4283524863



4281223167



4287713791



4285756544



4278196159



4278192192



# Previews

## White Background



This preview shows how the Android color 4294961745 looks on a white background.

## Color Contrast Check

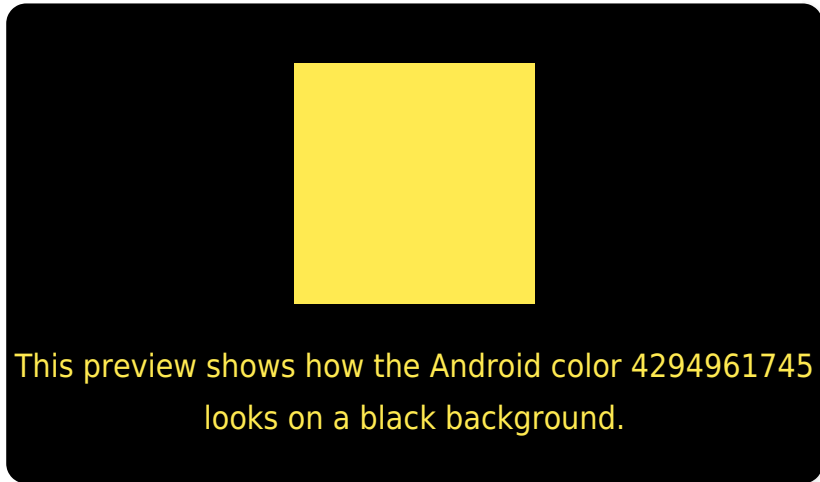
Large Text (above 18pt) WCAG AA × Fail

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 4294961745 Background



This preview shows how black text looks on a background with the Android color 4294961745.


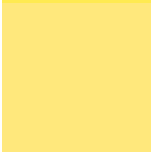



This preview shows how white text looks on a background with the Android color 4294961745.

# 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](#).

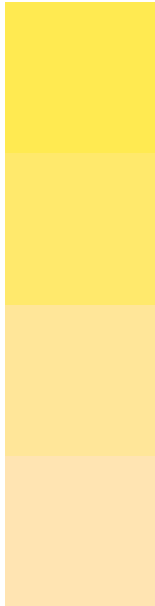
## Dichromacy

	<b>Original Color</b> 4294961745
	<b>Protanopia</b> 4294961276
	<b>Deuteranopia</b> 4294960322



**Tritanopia**  
4294959338

# Trichromacy



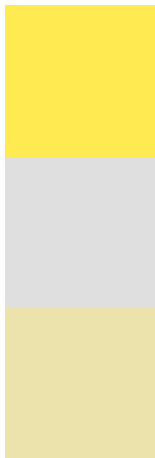
**Original Color**  
4294961745

**Protanomaly**  
4294961516

**Deuteranomaly**  
4294960793

**Tritanomaly**  
4294960306

# Monochromacy



**Original Color**  
4294961745

**Achromatopsia**  
4292861919

**Achromatomaly**  
4293649323

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294961745 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, 234, 81)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 81)  
}
```

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, 234, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 81) }
```

## Border

The CSS property to change the border of an element to Android 4294961745 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, 234, 81) }
```

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

```
.border{ border-color:rgb(255, 234, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 234, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 81);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
81) }
```

# Background

The CSS property to change the background color of an element to Android 4294961745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 81) }
```

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

```
.background{ background-color: rgb(255,  
234, 81) }
```

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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