

# Converting Colors

Android(4294104701)

Have a look what the booklet for  
Android(4294104701) contains.

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# **Color**

**Android(4294104701)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2D67D
RGB	242, 214, 125
RGB Percent	95%, 84%, 49%
CMY	0.0510, 0.1608, 0.5098
CMYK	0.00, 0.12, 0.48, 0.05
HSL	46°, 82%, 72%
HSV	46°, 48%, 95%
XYZ	64.3662, 68.4510, 29.2219
YIQ	212.2260, 45.2570, -21.7430

# Conversions

## Conversions Part 2

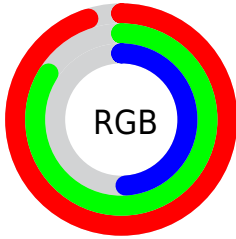
Format	Color
<a href="#">RYB</a>	<a href="#">162, 242, 125</a>
Decimal	<a href="#">15914621</a>
CIELab	<a href="#">86.23, -1.57, 47.25</a>
CIELCh	<a href="#">86, 47.280, 91.907</a>
Yxy	<a href="#">68.4510, 0.3972, 0.4224</a>
Android (android.graphics.Color)	<a href="#">4294104701 (0xFFFF2D67D)</a>
YUV	<a href="#">212.2260, -43.0024, 26.1118</a>
Hunter-Lab	<a href="#">82.7351, -5.9173, 36.9735</a>

# Details

The Android color **4294104701** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **4286421490**, and the grayscale version is **4292203989**.

A 20% lighter version of the original color is **4294967219**, and **4290289737** is the 20% darker color. If you saturate the color by 10%, you get **4294103141**, and if you desaturate by 10%, it is **4294106261**.

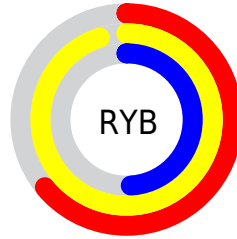
# Distribution



Red (95%)

Green (84%)

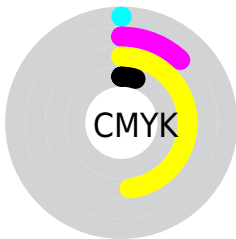
Blue (49%)



Red (64%)

Yellow (95%)

Blue (49%)

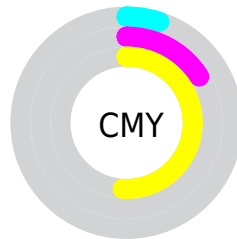


Cyan (0%)

Magenta (12%)

Yellow (48%)

Black (5%)



Cyan (5%)

Magenta (16%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294104701 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 4294104701 by changing the saturation by 10% instead.





4294104701



4294104701

4294967295



4292196963



4294967219



4290289737



4294967247



4288382512



4294967276



4286606357



4284830720



4283120896



4281411584



4279768064



4278190080

 4294104701

 4294104701

 4294103141

 4294106261

 4294101581

 4294107821

 4294100276

 4294109126

 4294098716

 4294110686

 4294097156

 4294112246

 4294096896

 4294113791

 4294115327

# Harmonies

## Analogous

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



4294952586



4294104701



4291027850

# Triad

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



4294104701



4278251263



4294950143

# Complementary

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



4294104701



4286421490

# 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.



4292922367



4294104701



4282378239

# Square

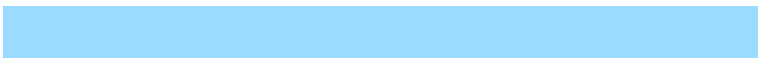
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4294104701



4283035609



4288338943



4294948055

# Rectangle

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



4294104701



4288735647



4288338943



4294951167



# Sweetspot

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



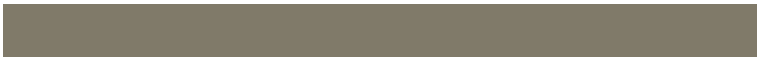
4294104701



4294964953



4294081946



4286610025



4278190080



4286611584



# Same Dimension

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



4294104701



4294958187



4292211325



4286084460



4290284544



4281871104



# Inverse Universe

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



4286421490



4285239039



4288314866



4285296504



4278201528



4278193464



# Previews

## White Background



This preview shows how the Android color 4294104701 looks on a white background.

## Color Contrast Check

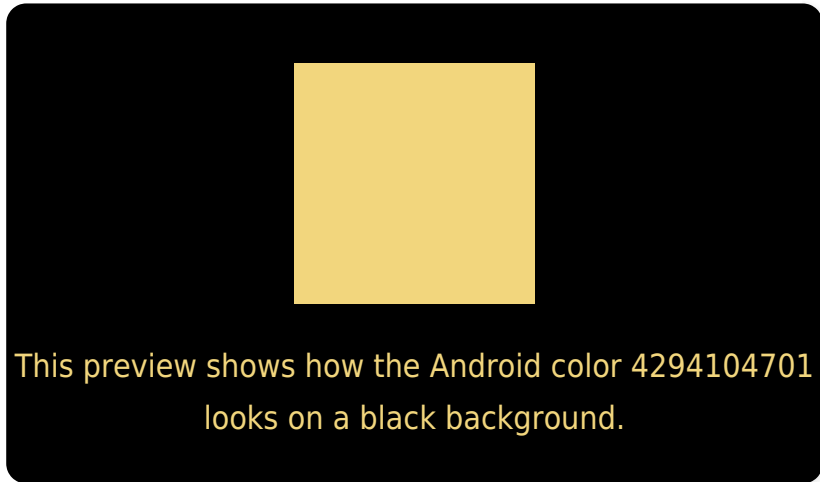
Large Text (above 18pt) WCAG AA × Fail

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 4294104701 Background



This preview shows how black text looks on a background with the Android color 4294104701.



This preview shows how white text looks on a background with the Android color 4294104701.

# 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**  
4294104701

**Protanopia**  
4293777534

**Deuteranopia**  
4294955155



**Tritanopia**  
4294691803

# Trichromacy



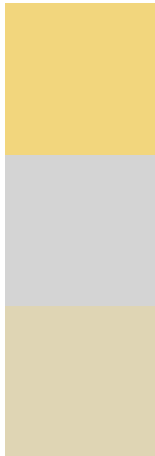
**Original Color**  
4294104701

**Protanomaly**  
4293908350

**Deuteranomaly**  
4294627979

**Tritanomaly**  
4294496185

# Monochromacy



**Original Color**  
4294104701

**Achromatopsia**  
4292138196

**Achromatomaly**  
4292859316

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294104701 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(242, 214, 125)` looks like.

```
.text, #text, p{  
    color:rgb(242, 214, 125)  
}
```

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(242, 214, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 214, 125) }
```

## Border

The CSS property to change the border of an element to Android 4294104701 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(242, 214, 125) }
```

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

```
.border{ border-color:rgb(242, 214, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 214, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 214, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 214, 125);  
box-shadow:4px 4px 4px 4px rgb(242, 214,  
125) }
```

# Background

The CSS property to change the background color of an element to Android 4294104701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 214, 125) }
```

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

```
.background{ background-color: rgb(242,  
214, 125) }
```

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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