

# Converting Colors

Android(4294367567)

Have a look what the booklet for  
Android(4294367567) contains.

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# **Color**

**Android(4294367567)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6D94F
RGB	246, 217, 79
RGB Percent	96%, 85%, 31%
CMY	0.0353, 0.1490, 0.6902
CMYK	0.00, 0.12, 0.68, 0.04
HSL	50°, 90%, 64%
HSV	50°, 68%, 96%
XYZ	64.2302, 69.7831, 17.4813
YIQ	209.9390, 61.5820, -36.7700

# Conversions

## Conversions Part 2

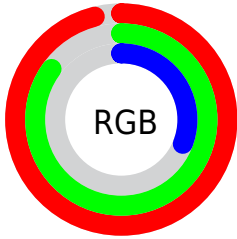
Format	Color
<a href="#">RYB</a>	<a href="#">114, 246, 79</a>
Decimal	<a href="#">16177487</a>
CIELab	<a href="#">86.89, -4.72, 68.70</a>
CIELCh	<a href="#">87, 68.858, 93.933</a>
Yxy	<a href="#">69.7831, 0.4240, 0.4606</a>
Android (android.graphics.Color)	<a href="#">4294367567</a> (0xFFFF6D94F)
YUV	<a href="#">209.9390, -64.5529, 31.6255</a>
Hunter-Lab	<a href="#">83.5363, -8.9416, 46.0680</a>

# Details

The Android color `4294367567` is a light color, and the websafe version is hex `FFCC33`. The color can be described as light washed yellow. A complement of this color would be `4283395318`, and the grayscale version is `4292072403`.

A 20% lighter version of the original color is `4294967175`, and `4290421514` is the 20% darker color. If you saturate the color by 10%, you get `4294366518`, and if you desaturate by 10%, it is `4294368616`.

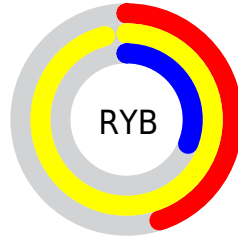
# Distribution



Red (96%)

Green (85%)

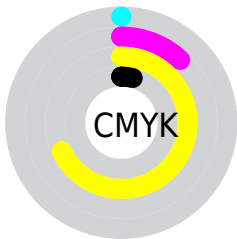
Blue (31%)



Red (45%)

Yellow (96%)

Blue (31%)

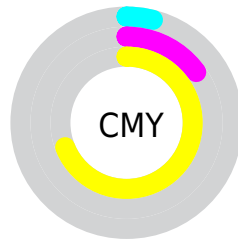


Cyan (0%)

Magenta (12%)

Yellow (68%)

Black (4%)



Cyan (4%)

Magenta (15%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294367567 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 4294367567 by changing the saturation by 10% instead.





4294367567



4294367567

4294967295



4292394290



4294967175



4290421514



4294967203



4288514048



4294967231



4286607104



4294967260



4284765952



4294967290



4282990592



4281281280



4279637760



4278190080

■ 4294367567

■ 4294367567

■ 4294366518

■ 4294368616

■ 4294365214

■ 4294369920

■ 4294364165

■ 4294370969

■ 4294363904

■ 4294372017

■ 4294373066

■ 4294374371

■ 4294375419

■ 4294376447

■ 4294377471

# Harmonies

## Analogous

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



4294951267



4294367567



4289915751

# Triad

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



4294367567



4278253823



4294945791

# Complementary

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



4294367567



4283395318

# 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.



4293445119



4294367567



4278251519

# Square

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



4294367567



4278254304



4284997375



4294942676

# Rectangle

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



4294367567



4286182281



4284997375



4294947839



# Sweetspot

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



4294367567



4294964940



4294332270



4286610017



4278190080



4286611584



# Same Dimension

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



4294367567



4294957872



4290901583



4286216302



4290419200



4282068992



# Inverse Universe

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



4283395318



4281357567



4286861302



4285427834



4278198458



4278192699



# Previews

## White Background



This preview shows how the Android color 4294367567 looks on a white background.

## Color Contrast Check

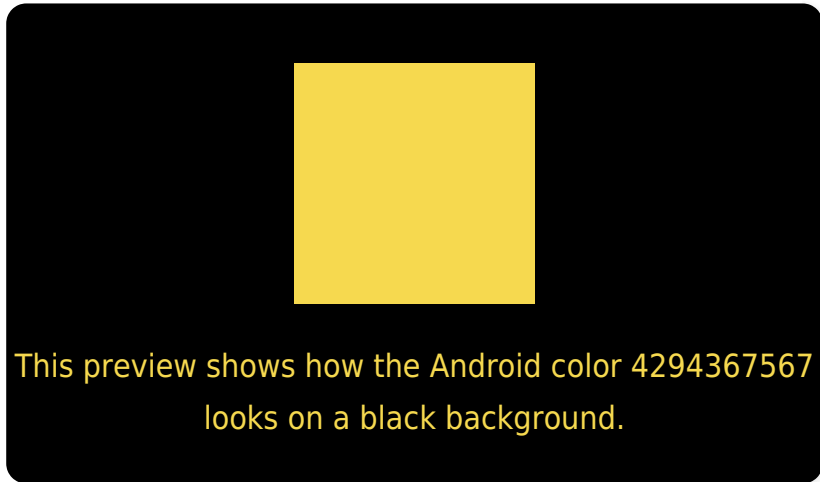
Large Text (above 18pt) WCAG AA × Fail

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 4294367567 Background



This preview shows how black text looks on a background with the Android color 4294367567.

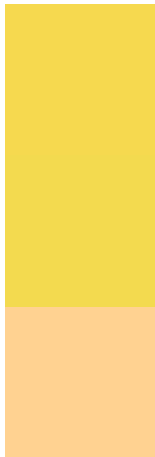


This preview shows how white text looks on a background with the Android color 4294367567.

# 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**  
4294367567

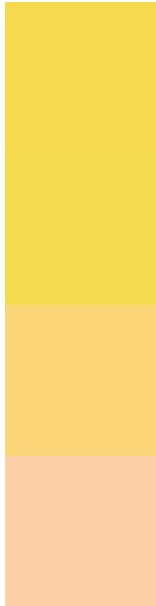
**Protanopia**  
4294171215

**Deuteranopia**  
4294955665



**Tritanopia**  
4294954203

# Trichromacy



**Original Color**  
4294367567

**Protanomaly**  
4294236751

**Deuteranomaly**  
4294759801

**Tritanomaly**  
4294758824

# Monochromacy



**Original Color**  
4294367567

**Achromatopsia**  
4292006610

**Achromatomaly**  
4292859298

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294367567 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(246, 217, 79)` looks like.

```
.text, #text, p{  
    color:rgb(246, 217, 79)  
}
```

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(246, 217, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 217, 79) }
```

## Border

The CSS property to change the border of an element to Android 4294367567 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(246, 217, 79) }
```

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

```
.border{ border-color:rgb(246, 217, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 217, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 217, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 217, 79);  
box-shadow:4px 4px 4px 4px rgb(246, 217,  
79) }
```

# Background

The CSS property to change the background color of an element to Android 4294367567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 217, 79) }
```

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

```
.background{ background-color: rgb(246,  
217, 79) }
```

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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