

# Converting Colors

Android(4294308966)

Have a look what the booklet for  
Android(4294308966) contains.

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# **Color**

**Android(4294308966)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5F466
RGB	245, 244, 102
RGB Percent	96%, 96%, 40%
CMY	0.0392, 0.0431, 0.6000
CMYK	0.00, 0.00, 0.58, 0.04
HSL	60°, 88%, 68%
HSV	60°, 58%, 96%
XYZ	72.4051, 85.0732, 25.1750
YIQ	228.1110, 46.1780, -43.9500

# Conversions

## Conversions Part 2

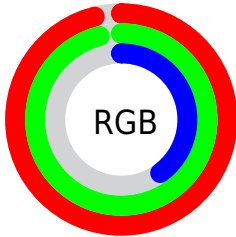
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 245, 102
Decimal	16118886
CIE Lab	93.91, -17.12, 66.75
CIE LCh	94, 68.916, 104.387
Yxy	85.0732, 0.3964, 0.4658
Android (android.graphics.Color)	4294308966 (0xFFFF5F466)
YUV	228.1110, -62.1727, 14.8117
Hunter-Lab	92.2351, -21.2878, 48.3818

# Details

The Android color **4294308966** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **4284901365**, and the grayscale version is **4293256677**.

A 20% lighter version of the original color is **4294967198**, and **4290427948** is the 20% darker color. If you saturate the color by 10%, you get **4294308942**, and if you desaturate by 10%, it is **4294308991**.

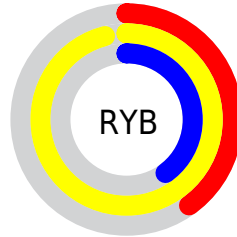
# Distribution



Red (96%)

Green (96%)

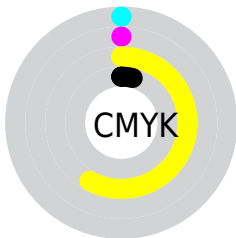
Blue (40%)



Red (40%)

Yellow (96%)

Blue (40%)

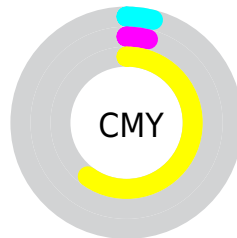


Cyan (0%)

Magenta (0%)

Yellow (58%)

Black (4%)



Cyan (4%)

Magenta (4%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294308966 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 4294308966 by changing the saturation by 10% instead.





4294308966



4294308966

4294967295



4292335690



4294967198



4290427948



4294967226



4288520448



4294967255



4286678784



4294967284



4284837376



4283061760



4281351936



4279642368



4278195712

 4294308966

 4294308966

 4294308942

 4294308991

 4294308917

 4294309015

 4294308636

 4294309296

 4294308612

 4294309320

 4294308608

 4294309345

 4294309369

 4294309375

 4294309631

# Harmonies

## Analogous

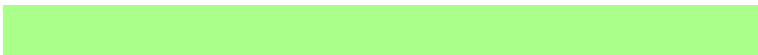
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294958699



4294308966



4289396618

# Triad

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



4294308966



4278255615



4294949375

# Complementary

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



4294308966



4284901365

# 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.



4294955007



4294308966



4278255359

# Square

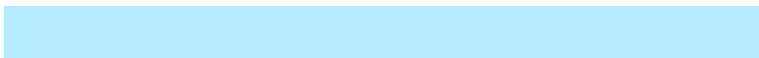
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4294308966



4278255615



4290177791



4294948304

# Rectangle

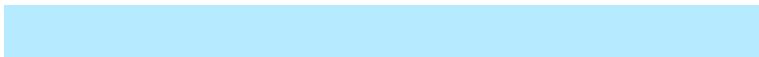
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294308966



4285005745



4290177791



4294950911



# Sweetspot

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



4294308966



4294967249



4294272616



4286611299



4278190080



4286611584



# Same Dimension

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



4294308966



4294966861



4289787238



4286216814



4290427136



4282071552



# Inverse Universe

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



4284901365



4283256575



4289423093



4285427322



4278190522

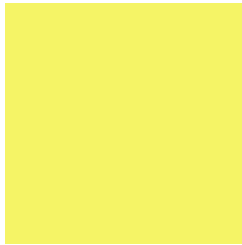


4278190139



# Previews

## White Background



This preview shows how the Android color 4294308966 looks on a white background.

## Color Contrast Check

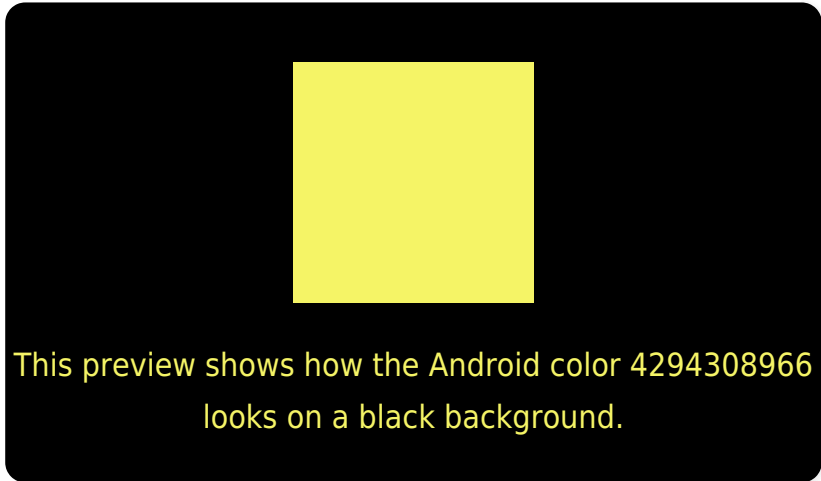
Large Text (above 18pt) WCAG AA × Fail

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 4294308966 Background



This preview shows how black text looks on a background with the Android color 4294308966.

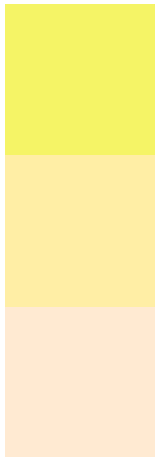


This preview shows how white text looks on a background with the Android color 4294308966.

# 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**  
4294308966

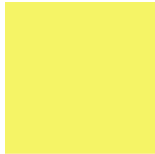
**Protanopia**  
4294962853

**Deuteranopia**  
4294961874



**Tritanopia**  
4294961141

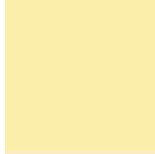
# Trichromacy



**Original Color**  
4294308966



**Protanomaly**  
4294701198



**Deuteranomaly**  
4294700715

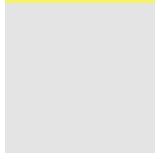


**Tritanomaly**  
4294700225

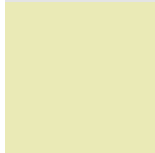
# Monochromacy



**Original Color**  
4294308966



**Achromatopsia**  
4293190884



**Achromatomaly**  
4293585590

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294308966 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(245, 244, 102)` looks like.

```
.text, #text, p{  
    color:rgb(245, 244, 102)  
}
```

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(245, 244, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 244, 102) }
```

## Border

The CSS property to change the border of an element to Android 4294308966 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(245, 244, 102) }
```

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

```
.border{ border-color:rgb(245, 244, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 244, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 244, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 244, 102);  
box-shadow:4px 4px 4px 4px rgb(245, 244,  
102) }
```

# Background

The CSS property to change the background color of an element to Android 4294308966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 244, 102) }
```

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

```
.background{ background-color: rgb(245,  
244, 102) }
```

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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