

# Converting Colors

Android(4294896193)

Have a look what the booklet for  
Android(4294896193) contains.

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# **Color**

**Android(4294896193)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">FEEA41</a>
RGB	<a href="#">254, 234, 65</a>
RGB Percent	<a href="#">100%, 92%, 25%</a>
CMY	<a href="#">0.0039, 0.0824, 0.7451</a>
CMYK	<a href="#">0.00, 0.08, 0.74, 0.00</a>
HSL	<a href="#">54°, 99%, 63%</a>
HSV	<a href="#">54°, 74%, 100%</a>
XYZ	<a href="#">71.2500, 80.2981, 16.7448</a>
YIQ	<a href="#">220.7140, 66.1690, -48.3190</a>

# Conversions

## Conversions Part 2

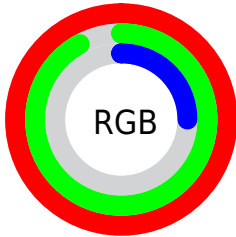
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 254, 65
Decimal	16706113
CIELab	91.82, -10.53, 78.74
CIELCh	92, 79.442, 97.617
Yxy	80.2981, 0.4234, 0.4771
Android (android.graphics.Color)	4294896193 (0xFFFEAA41)
YUV	220.7140, -76.7670, 29.1918
Hunter-Lab	89.6092, -14.8874, 51.6472

# Details

The Android color `4294896193` is a light color, and the websafe version is hex `FFFF66`. The color can be described as light washed yellow. A complement of this color would be `4282471934`, and the grayscale version is `4292730333`.

A 20% lighter version of the original color is `4294967164`, and `4290884352` is the 20% darker color. If you saturate the color by 10%, you get `4294895400`, and if you desaturate by 10%, it is `4294896986`.

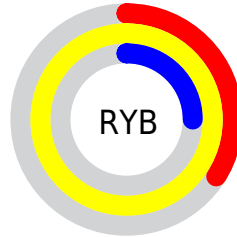
# Distribution



Red (100%)

Green (92%)

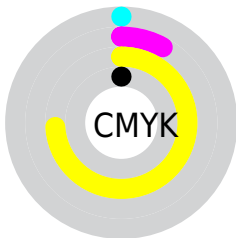
Blue (25%)



Red (34%)

Yellow (100%)

Blue (25%)

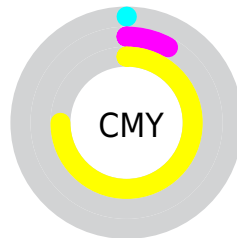


Cyan (0%)

Magenta (8%)

Yellow (74%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294896193 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 4294896193 by changing the saturation by 10% instead.





4294896193



4294896193

4294967295



4292857372



4294967164



4290884352



4294967193



4288976896



4294967222



4287069696



4294967251



4285163008



4294967281



4283321856



4281612288



4279968256



4278193152

■ 4294896193

■ 4294896193

■ 4294895400

■ 4294896986

■ 4294894862

■ 4294897524

■ 4294894336

■ 4294898317

■ 4294899111

■ 4294899648

■ 4294900441

■ 4294901235

4294901759

# Harmonies

## Analogous

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



4294954838



4294896193



4289592678

# Triad

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



4294896193



4278255615



4294946047

# Complementary

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



4294896193



4282471934

# 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.



4294953983



4294896193



4278255615

# Square

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



4294896193



4278255609



4285393663



4294943191

# Rectangle

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



4294896193



4284481426



4285393663



4294948607



# Sweetspot

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



4294896193



4294965703



4294852951



4286610526



4278190080



4286611584



# Same Dimension

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



4294896193



4294960924



4290182721



4286611059



4290751232



4282398976



# Inverse Universe

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



4282471934



4280038655



4287185406



4285756544



4278195391



4278191936



# Previews

## White Background



This preview shows how the Android color 4294896193 looks on a white background.

## Color Contrast Check

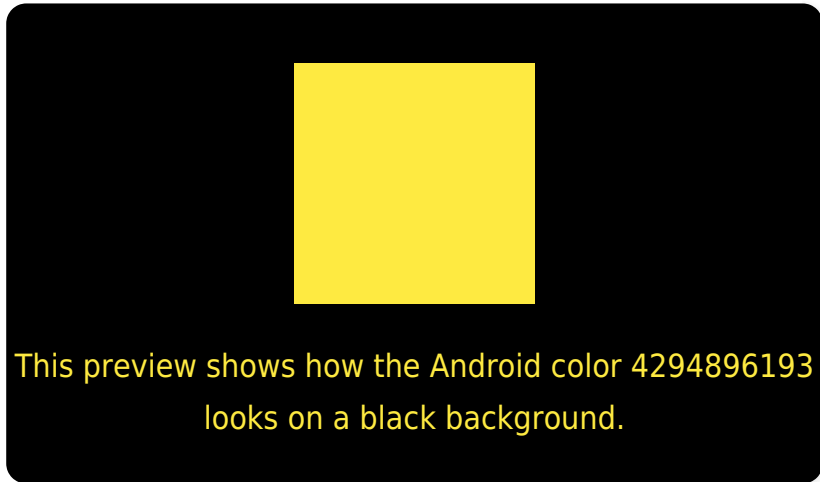
Large Text (above 18pt) WCAG AA × Fail

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 4294896193 Background



This preview shows how black text looks on a background with the Android color 4294896193.



This preview shows how white text looks on a background with the Android color 4294896193.

# 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**  
4294896193

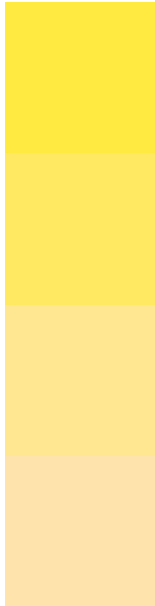
**Protanopia**  
4294961270

**Deuteranopia**  
4294960063



**Tritanopia**  
4294959082

# Trichromacy



**Original Color**  
4294896193

**Protanomaly**  
4294961507

**Deuteranomaly**  
4294960785

**Tritanomaly**  
4294960045

# Monochromacy



**Original Color**  
4294896193

**Achromatopsia**  
4292730333

**Achromatomaly**  
4293517988

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294896193 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(254, 234, 65)` looks like.

```
.text, #text, p{  
    color:rgb(254, 234, 65)  
}
```

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(254, 234, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 234, 65) }
```

## Border

The CSS property to change the border of an element to Android 4294896193 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(254, 234, 65) }
```

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

```
.border{ border-color:rgb(254, 234, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 234, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 234, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 234, 65);  
box-shadow:4px 4px 4px 4px rgb(254, 234,  
65) }
```

# Background

The CSS property to change the background color of an element to Android 4294896193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 234, 65) }
```

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

```
.background{ background-color: rgb(254,  
234, 65) }
```

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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