

# Converting Colors

Android(4294561358)

Have a look what the booklet for  
Android(4294561358) contains.

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# **Color**

**Android(4294561358)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9CE4E
RGB	249, 206, 78
RGB Percent	98%, 81%, 31%
CMY	0.0235, 0.1922, 0.6941
CMYK	0.00, 0.17, 0.69, 0.02
HSL	45°, 93%, 64%
HSV	45°, 69%, 98%
XYZ	62.5134, 64.8324, 16.4268
YIQ	204.2650, 66.7160, -30.6920

# Conversions

## Conversions Part 2

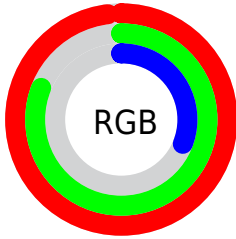
<b>Format</b>	<b>Color</b>
<b>RYB</b>	135, 249, 78
Decimal	16371278
CIELab	84.40, 2.08, 66.63
CIELCh	84, 66.661, 88.213
Yxy	64.8324, 0.4348, 0.4509
Android (android.graphics.Color)	4294561358 (0xFFFF9CE4E)
YUV	204.2650, -62.2486, 39.2326
Hunter-Lab	80.5186, -2.3229, 44.2671

# Details

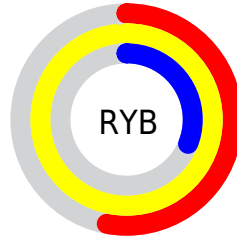
The Android color **4294561358** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **4283333113**, and the grayscale version is **4291677645**.

A 20% lighter version of the original color is **4294967173**, and **4290615308** is the 20% darker color. If you saturate the color by 10%, you get **4294559797**, and if you desaturate by 10%, it is **4294562919**.

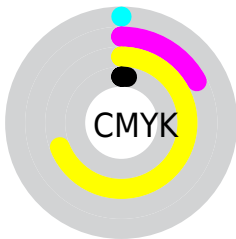
# Distribution



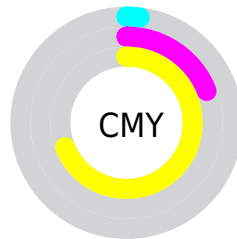
- Red (98%)
- Green (81%)
- Blue (31%)



- Red (53%)
- Yellow (98%)
- Blue (31%)



- Cyan (0%)
- Magenta (17%)
- Yellow (69%)
- Black (2%)



- Cyan (2%)
- Magenta (19%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294561358 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 4294561358 by changing the saturation by 10% instead.





4294561358



4294561358

4294967295



4292588337



4294967173



4290615308



4294967201



4288642560



4294967229



4286735872



4294967258



4284894720



4294967287



4283119616



4281410048



4279766272



4278190080

4294561358

4294561358

4294559797

4294562919

4294557980

4294564736

4294556419

4294566297

4294556160

4294567858

4294569419

4294571235

4294572796

4294574079

# Harmonies

## Analogous

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



4294948456



4294561358



4290437213

# Triad

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



4294561358



4278252031



4294945535

# Complementary

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



4294561358



428333113

# 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.



4291806463



4294561358



4278250239

# Square

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



4294561358



4278251981



4281785343



4294941657

# Rectangle

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



4294561358



4287097211



4281785343



4294947583



# Sweetspot

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



4294561358



4294963913



4294528636



4286609248



4278190080



4286611584



# Same Dimension

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



4294561358



4294953518



4291950926



4286413424



4290612480



4282199552



# Inverse Universe

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



4283333113



4281230079



4285943545



4285559933



4278202301



4278193981



# Previews

## White Background



This preview shows how the Android color 4294561358 looks on a white background.

## Color Contrast Check

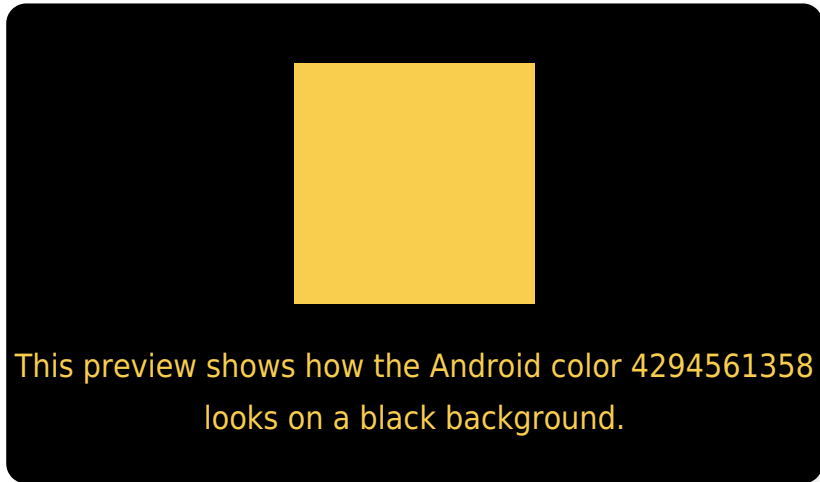
Large Text (above 18pt) WCAG AA × Fail

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 4294561358 Background



This preview shows how black text looks on a background with the Android color 4294561358.



This preview shows how white text looks on a background with the Android color 4294561358.

# 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**  
4294561358

**Protanopia**  
4293645135

**Deuteranopia**  
4294953587



**Tritanopia**  
4294951888

# Trichromacy



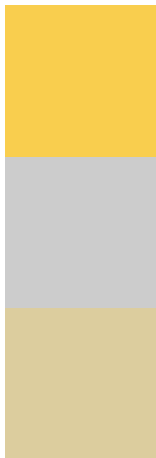
**Original Color**  
4294561358

**Protanomaly**  
4293972303

**Deuteranomaly**  
4294822758

**Tritanomaly**  
4294821793

# Monochromacy



**Original Color**  
4294561358

**Achromatopsia**  
4291611852

**Achromatomaly**  
4292660638

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294561358 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(249, 206, 78)` looks like.

```
.text, #text, p{  
    color:rgb(249, 206, 78)  
}
```

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(249, 206, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 206, 78) }
```

## Border

The CSS property to change the border of an element to Android 4294561358 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(249, 206, 78) }
```

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

```
.border{ border-color:rgb(249, 206, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 206, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 206, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 206, 78);  
box-shadow:4px 4px 4px 4px rgb(249, 206,  
78) }
```

# Background

The CSS property to change the background color of an element to Android 4294561358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 206, 78) }
```

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

```
.background{ background-color: rgb(249,  
206, 78) }
```

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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