

# Converting Colors

Android(4294434875)

Have a look what the booklet for  
Android(4294434875) contains.

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# **Color**

**Android(4294434875)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7E03B
RGB	247, 224, 59
RGB Percent	97%, 88%, 23%
CMY	0.0314, 0.1216, 0.7686
CMYK	0.00, 0.09, 0.76, 0.03
HSL	53°, 92%, 60%
HSV	53°, 76%, 97%
XYZ	65.8028, 73.4012, 14.8373
YIQ	212.0670, 66.6730, -46.4390

# Conversions

## Conversions Part 2

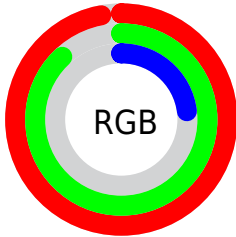
Format	Color
<b>RYB</b>	85, 247, 59
Decimal	16244795
CIELab	88.64, -8.71, 77.49
CIELCh	89, 77.980, 96.411
Yxy	73.4012, 0.4272, 0.4765
Android (android.graphics.Color)	4294434875 (0xFF7E03B)
YUV	212.0670, -75.4620, 30.6362
Hunter-Lab	85.6745, -12.8324, 49.7042

# Details

The Android color **4294434875** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **4282077943**, and the grayscale version is **4292203989**.

A 20% lighter version of the original color is **4294967158**, and **4290423040** is the 20% darker color. If you saturate the color by 10%, you get **4294434082**, and if you desaturate by 10%, it is **4294435668**.

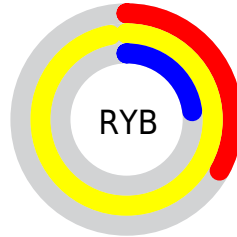
# Distribution



Red (97%)

Green (88%)

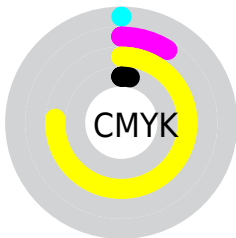
Blue (23%)



Red (33%)

Yellow (97%)

Blue (23%)

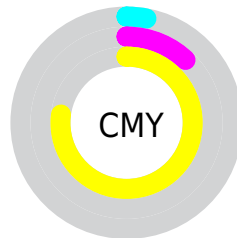


Cyan (0%)

Magenta (9%)

Yellow (76%)

Black (3%)



Cyan (3%)

Magenta (12%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294434875 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 4294434875 by changing the saturation by 10% instead.





4294434875



4294434875

4294967295



4292461587



4294967158



4290423040



4294967187



4288515840



4294967216



4286608896



4294967245



4284767488



4294967275



4282926592



4281217024



4279638784



4278190080

■ 4294434875

■ 4294434875

■ 4294434082

■ 4294435668

■ 4294433290

■ 4294436460

■ 4294433024

■ 4294437253

■ 4294438046

■ 4294438838

■ 4294439631

■ 4294440424

■ 4294441215

■ 4294441983

# Harmonies

## Analogous

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



4294952274



4294434875



4289327966

# Triad

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



4294434875



4278255615



4294944511

# Complementary

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



4294434875



4282077943

# 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.



4294427903



4294434875



4278253311

# Square

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



4294434875



4278255597



4284146431



4294941138

# Rectangle

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



4294434875



4284480392



4284146431



4294946815



# Sweetspot

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



4294434875



4294965444



4294392660



4286610268



4278190080



4286611584



# Same Dimension

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



4294434875



4294959895



4289918779



4286216558



4290421504



4282069760



# Inverse Universe

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



4282077943



4279710719



4286594039



4285427834



4278196154



4278191931



# Previews

## White Background



This preview shows how the Android color 4294434875 looks on a white background.

## Color Contrast Check

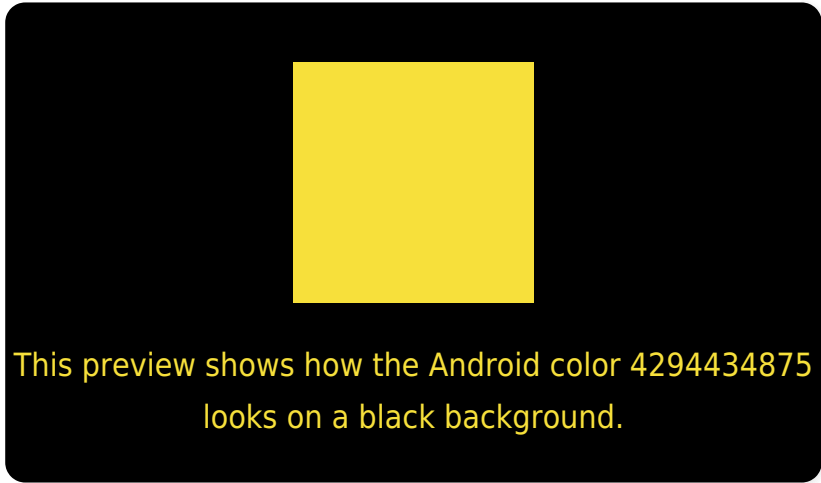
Large Text (above 18pt) WCAG AA × Fail

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 4294434875 Background



This preview shows how black text looks on a background with the Android color 4294434875.

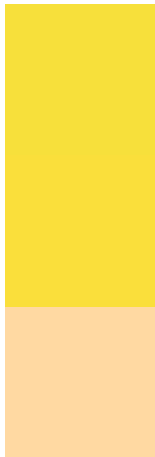


This preview shows how white text looks on a background with the Android color 4294434875.

# 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**  
4294434875

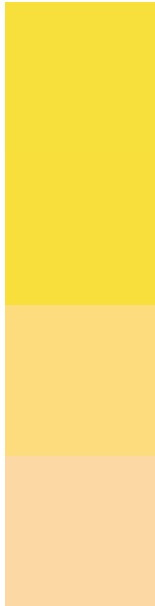
**Protanopia**  
4294631227

**Deuteranopia**  
4294957474



**Tritanopia**  
4294956001

# Trichromacy



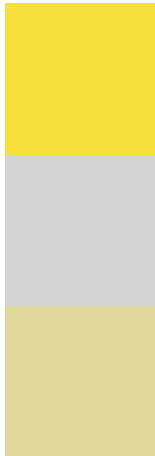
**Original Color**  
4294434875

**Protanomaly**  
4294565691

**Deuteranomaly**  
4294761597

**Tritanomaly**  
4294760613

# Monochromacy



**Original Color**  
4294434875

**Achromatopsia**  
4292138196

**Achromatomaly**  
4292991132

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294434875 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(247, 224, 59)` looks like.

```
.text, #text, p{  
    color:rgb(247, 224, 59)  
}
```

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(247, 224, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 224, 59) }
```

## Border

The CSS property to change the border of an element to Android 4294434875 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(247, 224, 59) }
```

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

```
.border{ border-color:rgb(247, 224, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 224, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 224, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 224, 59);  
box-shadow:4px 4px 4px 4px rgb(247, 224,  
59) }
```

# Background

The CSS property to change the background color of an element to Android 4294434875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 224, 59) }
```

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

```
.background{ background-color: rgb(247,  
224, 59) }
```

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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