

# Converting Colors

Android(4293906436)

Have a look what the booklet for  
Android(4293906436) contains.

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# **Color**

**Android(4293906436)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFD004
RGB	239, 208, 4
RGB Percent	94%, 82%, 2%
CMY	0.0627, 0.1843, 0.9843
CMYK	0.00, 0.13, 0.98, 0.06
HSL	52°, 97%, 48%
HSV	52°, 98%, 94%
XYZ	58.1744, 63.4712, 9.2999
YIQ	194.0130, 83.9600, -56.8720

# Conversions

## Conversions Part 2

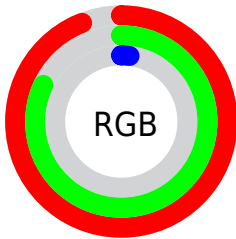
Format	Color
R <sub>Y</sub> B	40, 239, 4
Decimal	15716356
CIE Lab	83.69, -5.17, 83.80
CIE LCh	84, 83.960, 93.533
Yxy	63.4712, 0.4443, 0.4847
Android (android.graphics.Color)	4293906436 (0xFFEFD004)
YUV	194.0130, -93.6764, 39.4536
Hunter-Lab	79.6688, -9.0793, 48.8471

# Details

The Android color **4293906436** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **4278461423**, and the grayscale version is **4291019715**.

A 20% lighter version of the original color is **4294967128**, and **4289894912** is the 20% darker color. If you saturate the color by 10%, you get **4293906176**, and if you desaturate by 10%, it is **4293907228**.

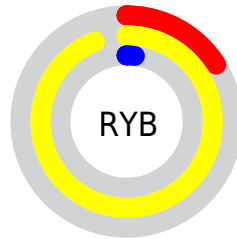
# Distribution



Red (94%)

Green (82%)

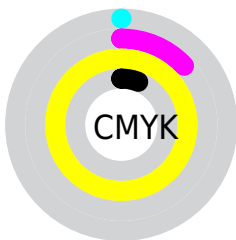
Blue (2%)



Red (16%)

Yellow (94%)

Blue (2%)

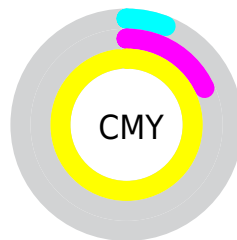


Cyan (0%)

Magenta (13%)

Yellow (98%)

Black (6%)



Cyan (6%)

Magenta (18%)


















Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293906436 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 4293906436 by changing the saturation by 10% instead.



 4293906436	 4293906436
4294967295	 4291867904
 4294967128	 4289894912
 4294967158	 4287922176
 4294967187	 4286015488
 4294967216	 4284174336
 4294967245	 4282398976
 4294967275	 4280755200
	 4278652928
	 4278190080

■ 4293906436

■ 4293906436

■ 4293906176

■ 4293907228

■ 4293908020

■ 4293908812

■ 4293909860

■ 4293910652

■ 4293911443

■ 4293912235

■ 4293913027

■ 4293913819

# Harmonies

## Analogous

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



4294947387



4293906436



4288603453

# Triad

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



4293906436



4278252799



4294939903

# Complementary

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



4293906436



4278461423

# 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.



4292720639



4293906436



4278250495

# Square

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



4293906436



4278253016



4278245375



4294934987

# Rectangle

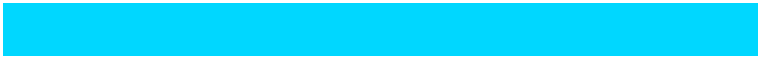
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4293906436



4283231597



4278245375



4294942719



# Sweetspot

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



4293906436



4294964661



4293854243



4286610003



4278190080



4286611584



# Same Dimension

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



4293906436



4294958336



4288278276



4286084716



4290289408



4281872640



# Inverse Universe

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



4278461423



4278199039



4284089583



4285295992



4278196408



4278191928



# Previews

## White Background



This preview shows how the Android color 4293906436 looks on a white background.

## Color Contrast Check

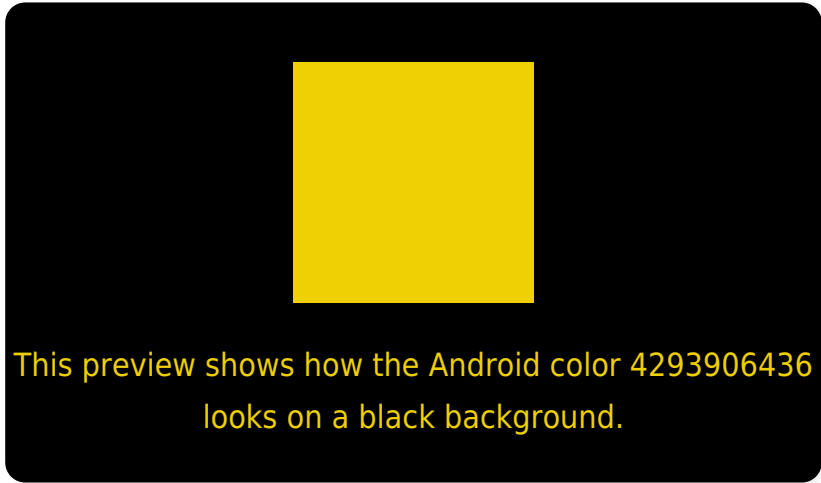
Large Text (above 18pt) WCAG AA × Fail

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 4293906436 Background



This preview shows how black text looks on a background with the Android color 4293906436.

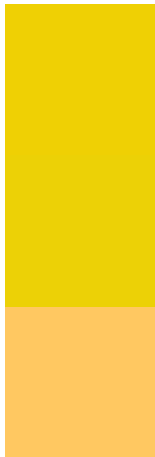


This preview shows how white text looks on a background with the Android color 4293906436.

# 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**  
4293906436

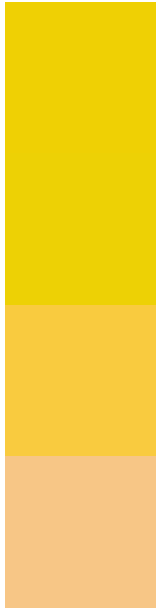
**Protanopia**  
4293710086

**Deuteranopia**  
4294953057



**Tritanopia**  
4294689232

# Trichromacy



**Original Color**  
4293906436

**Protanomaly**  
4293775621

**Deuteranomaly**  
4294560575

**Tritanomaly**  
4294428294

# Monochromacy



**Original Color**  
4293906436

**Achromatopsia**  
4290953922

**Achromatomaly**  
4292003709

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293906436 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(239, 208, 4)` looks like.

```
.text, #text, p{  
    color:rgb(239, 208, 4)  
}
```

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(239, 208, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 208, 4) }
```

## Border

The CSS property to change the border of an element to Android 4293906436 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(239, 208, 4) }
```

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

```
.border{ border-color:rgb(239, 208, 4) }
```

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

Here you see how a box with a 4 pixel rgb(239, 208, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 208, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 208, 4);  
box-shadow:4px 4px 4px 4px rgb(239, 208,  
4) }
```

# Background

The CSS property to change the background color of an element to Android 4293906436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 208, 4) }
```

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

```
.background{ background-color: rgb(239,  
208, 4) }
```

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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