

# Converting Colors

Android(4294230314)

Have a look what the booklet for  
Android(4294230314) contains.

<b>Android(4294230314)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4294230314)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4C12A
RGB	244, 193, 42
RGB Percent	96%, 76%, 16%
CMY	0.0431, 0.2431, 0.8353
CMYK	0.00, 0.21, 0.83, 0.04
HSL	45°, 90%, 56%
HSV	45°, 83%, 96%
XYZ	56.7961, 57.5402, 10.3034
YIQ	191.0350, 78.8670, -36.1490

# Conversions

## Conversions Part 2

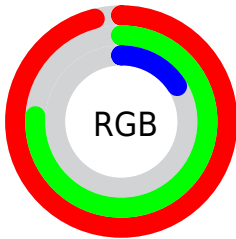
Format	Color
R <sub>Y</sub> B	110, 244, 42
Decimal	16040234
CIE Lab	80.48, 5.27, 75.21
CIE LCh	80, 75.395, 85.991
Yxy	57.5402, 0.4557, 0.4617
Android (android.graphics.Color)	4294230314 (0xFFFF4C12A)
YUV	191.0350, -73.4743, 46.4503
Hunter-Lab	75.8553, 0.9040, 45.0453

# Details

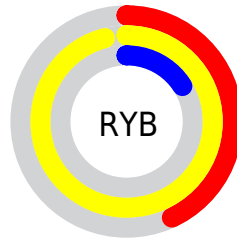
The Android color **4294230314** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **4280966644**, and the grayscale version is **4290822336**.

A 20% lighter version of the original color is **4294965606**, and **4290219008** is the 20% darker color. If you saturate the color by 10%, you get **4294228754**, and if you desaturate by 10%, it is **4294231874**.

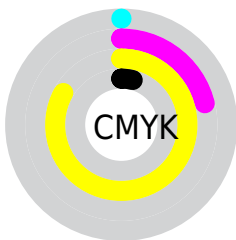
# Distribution



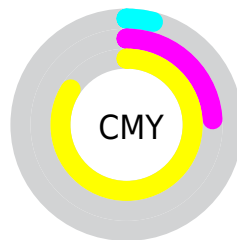
- Red (96%)
- Green (76%)
- Blue (16%)



- Red (43%)
- Yellow (96%)
- Blue (16%)



- Cyan (0%)
- Magenta (21%)
- Yellow (83%)
- Black (4%)



- Cyan (4%)
- Magenta (24%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294230314 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 4294230314 by changing the saturation by 10% instead.





4294230314



4294230314

4294967295



4292191744



4294965606



4290219008



4294967171



4288246528



4294967199



4286339584



4294967228



4284433152



4294967257



4282658048



4294967286



4281014528



4279238656



4278190080

■ 4294230314

■ 4294230314

■ 4294228754

■ 4294231874

■ 4294227456

■ 4294233435

■ 4294234995

■ 4294236812

■ 4294238372

■ 4294239932

■ 4294241493

■ 4294243053

■ 4294244607

# Harmonies

## Analogous

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



4294944082



4294230314



4289779259

# Triad

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



4294230314



4278249983



4294941439

# Complementary

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



4294230314



4280966644

# 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.



4290230783



4294230314



4278248191

# Square

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



4294230314



4278249916



4278244351



4294936020

# Rectangle

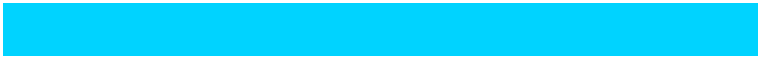
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294230314



4285980511



4278244351



4294681855



# Sweetspot

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



4294230314



4294963135



4294191712



4286608985



4278190080



4286611584



# Same Dimension

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



4294230314



4294950659



4291163178



4286216046



4290415360



4282067968



# Inverse Universe

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



4280966644



4278403839



4284033780



4285428090



4278202298



4278193979



# Previews

## White Background



This preview shows how the Android color 4294230314 looks on a white background.

## Color Contrast Check

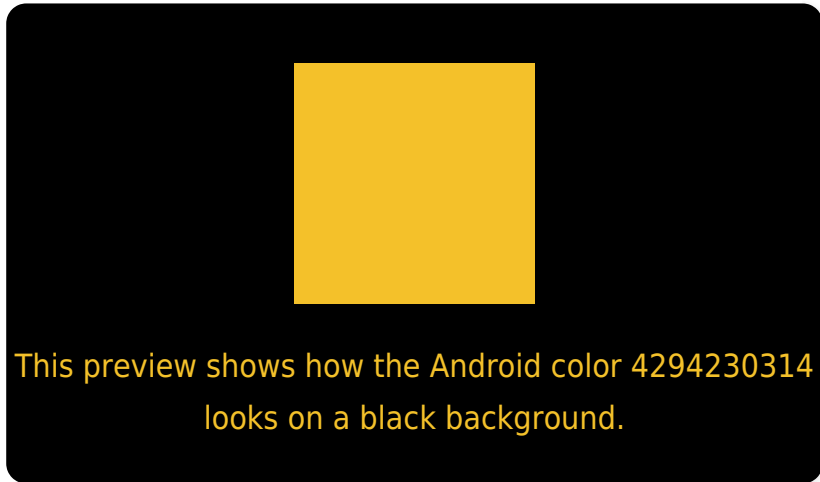
Large Text (above 18pt) WCAG AA × Fail

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 4294230314 Background



This preview shows how black text looks on a background with the Android color 4294230314.



This preview shows how white text looks on a background with the Android color 4294230314.

# 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**  
4294230314

**Protanopia**  
4292986924

**Deuteranopia**  
4294753836



**Tritanopia**  
4294882498

# Trichromacy



**Original Color**  
4294230314

**Protanomaly**  
4293444907

**Deuteranomaly**  
4294557483

**Tritanomaly**  
4294621579

# Monochromacy



**Original Color**  
4294230314

**Achromatopsia**  
4290756543

**Achromatomaly**  
4292001929

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294230314 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(244, 193, 42)` looks like.

```
.text, #text, p{  
    color:rgb(244, 193, 42)  
}
```

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(244, 193, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 193, 42) }
```

## Border

The CSS property to change the border of an element to Android 4294230314 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(244, 193, 42) }
```

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

```
.border{ border-color:rgb(244, 193, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 193, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 193, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 193, 42);  
box-shadow:4px 4px 4px 4px rgb(244, 193,  
42) }
```

# Background

The CSS property to change the background color of an element to Android 4294230314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 193, 42) }
```

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

```
.background{ background-color: rgb(244,  
193, 42) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor