

# Converting Colors

Android(4294033678)

Have a look what the booklet for  
Android(4294033678) contains.

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# **Color**

**Android(4294033678)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1C10E
RGB	241, 193, 14
RGB Percent	95%, 76%, 5%
CMY	0.0549, 0.2431, 0.9451
CMYK	0.00, 0.20, 0.94, 0.05
HSL	47°, 89%, 50%
HSV	47°, 94%, 95%
XYZ	55.4249, 56.8724, 8.4717
YIQ	186.9460, 86.0670, -45.4930

# Conversions

## Conversions Part 2

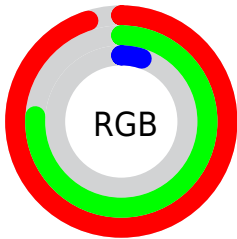
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 241, 14
Decimal	15843598
CIELab	80.11, 3.47, 80.32
CIELCh	80, 80.396, 87.527
Yxy	56.8724, 0.4589, 0.4709
Android (android.graphics.Color)	4294033678 (0xFFFF1C10E)
YUV	186.9460, -85.2624, 47.4054
Hunter-Lab	75.4138, -0.7868, 46.1292

# Details

The Android color **4294033678** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light saturated yellow. A complement of this color would be **4279123697**, and the grayscale version is **4290559164**.

A 20% lighter version of the original color is **4294965592**, and **4290022400** is the 20% darker color. If you saturate the color by 10%, you get **4294032896**, and if you desaturate by 10%, it is **4294034982**.

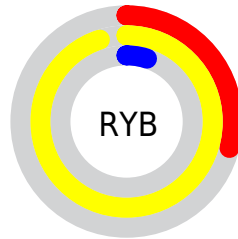
# Distribution



Red (95%)

Green (76%)

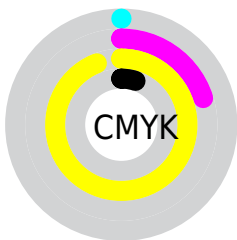
Blue (5%)



Red (29%)

Yellow (95%)

Blue (5%)

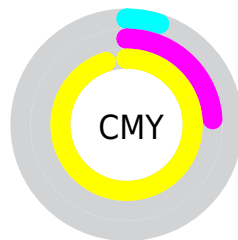


Cyan (0%)

Magenta (20%)

Yellow (94%)

Black (5%)



Cyan (5%)

Magenta (24%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294033678 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 4294033678 by changing the saturation by 10% instead.





4294033678



4294033678

4294967295



4291995136



4294965592



4290022400



4294967157



4288049920



4294967186



4286143232



4294967215



4284236544



4294967244



4282461696



4294967273



4280817920



4278845440



4278190080

■ 4294033678

■ 4294033678

■ 4294032896

■ 4294034982

■ 4294036286

■ 4294037590

■ 4294038894

■ 4294040198

■ 4294041759

■ 4294043063

■ 4294044367

■ 4294045671

# Harmonies

## Analogous

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



4294943557



4294033678



4289255214

# Triad

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



4294033678



4278249983



4294939647

# Complementary

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



4294033678



4279123697

# 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.



4290426367



4294033678



4278248191

# Square

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



4294033678



4278249918



4278243839



4294933712

# Rectangle

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



4294033678



4284932186



4278243839



4294942719



# Sweetspot

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



4294033678



4294963384



4293987903



4286608980



4278190080



4286611584



# Same Dimension

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



4294033678



4294953216



4289851662



4286084460



4290285824



4281871360



# Inverse Universe

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



4279123697



4278204159



4283305713



4285296248



4278200248



4278193208



# Previews

## White Background



This preview shows how the Android color 4294033678 looks on a white background.

## Color Contrast Check

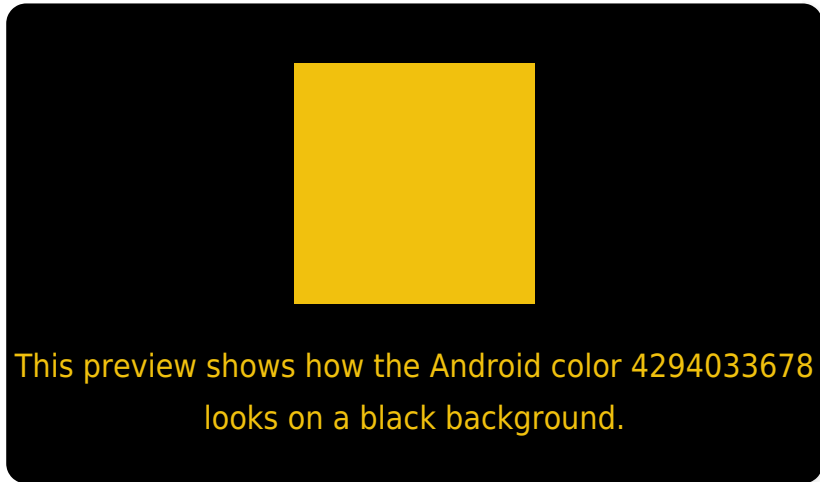
Large Text (above 18pt) WCAG AA × Fail

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 4294033678 Background



This preview shows how black text looks on a background with the Android color 4294033678.



This preview shows how white text looks on a background with the Android color 4294033678.

# 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**  
4294033678

**Protanopia**  
4292921105

**Deuteranopia**  
4294688021



**Tritanopia**  
4294685633

# Trichromacy



**Original Color**  
4294033678

**Protanomaly**  
4293313808

**Deuteranomaly**  
4294426130

**Tritanomaly**  
4294424704

# Monochromacy



**Original Color**  
4294033678

**Achromatopsia**  
4290493371

**Achromatomaly**  
4291804540

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294033678 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(241, 193, 14)` looks like.

```
.text, #text, p{  
    color:rgb(241, 193, 14)  
}
```

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(241, 193, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 193, 14) }
```

## Border

The CSS property to change the border of an element to Android 4294033678 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(241, 193, 14) }
```

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

```
.border{ border-color:rgb(241, 193, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 193, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 193, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 193, 14);  
box-shadow:4px 4px 4px 4px rgb(241, 193,  
14) }
```

# Background

The CSS property to change the background color of an element to Android 4294033678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 193, 14) }
```

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

```
.background{ background-color: rgb(241,  
193, 14) }
```

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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