

# Converting Colors

Android(4294820940)

Have a look what the booklet for  
Android(4294820940) contains.

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# **Color**

**Android(4294820940)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDC44C
RGB	253, 196, 76
RGB Percent	99%, 77%, 30%
CMY	0.0078, 0.2314, 0.7020
CMYK	0.00, 0.23, 0.70, 0.01
HSL	41°, 98%, 65%
HSV	41°, 70%, 99%
XYZ	61.5524, 60.8843, 15.3452
YIQ	199.3630, 72.4920, -25.2360

# Conversions

## Conversions Part 2

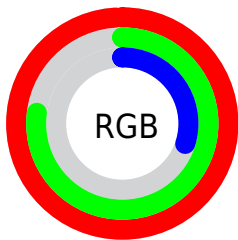
Format	Color
<a href="#">RYB</a>	<a href="#">160, 253, 76</a>
Decimal	<a href="#">16630860</a>
CIELab	<a href="#">82.32, 8.81, 65.43</a>
CIElCh	<a href="#">82, 66.021, 82.333</a>
Yxy	<a href="#">60.8843, 0.4467, 0.4419</a>
Android (android.graphics.Color)	<a href="#">4294820940 (0xFFFD C44C)</a>
YUV	<a href="#">199.3630, -60.8180, 47.0396</a>
Hunter-Lab	<a href="#">78.0284, 4.2595, 42.9598</a>

# Details

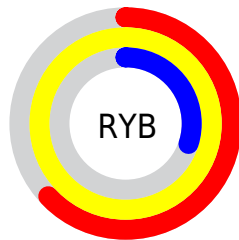
The Android color **4294820940** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed yellow. A complement of this color would be **4283205117**, and the grayscale version is **4291348680**.

A 20% lighter version of the original color is **4294966403**, and **4290809611** is the 20% darker color. If you saturate the color by 10%, you get **4294818867**, and if you desaturate by 10%, it is **4294823013**.

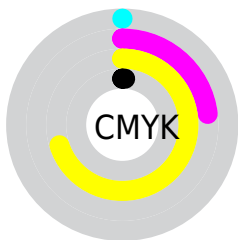
# Distribution



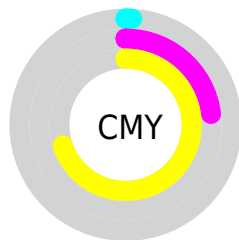
- Red (99%)
- Green (77%)
- Blue (30%)



- Red (63%)
- Yellow (99%)
- Blue (30%)



- Cyan (0%)
- Magenta (23%)
- Yellow (70%)
- Black (1%)



















- Cyan (1%)
- Magenta (23%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294820940 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 4294820940 by changing the saturation by 10% instead.



 4294820940	 4294820940
4294967295	 4292782384
 4294966403	 4290809611
 4294967198	 4288836864
 4294967226	 4286930176
 4294967255	 4285089024
 4294967284	 4283248384
	 4281539328
	 4279959808
	 4278190080

4294820940

4294820940

4294818867

4294823013

4294816793

4294825087

4294814720

4294827160

4294829489

4294831563

4294833636

4294835709

4294836223

# Harmonies

## Analogous

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



4294945900



4294820940



4290959187

# Triad

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



4294820940



4278250490



4294945535

# Complementary

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



4294820940



4283205117

# 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.



4290102271



4294820940



4278249215

# Square

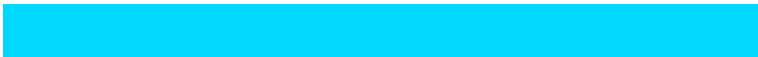
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4294820940



4278250170



4278245631



4294940639

# Rectangle

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



4294820940



4287816045



4278245631



4294095615



# Sweetspot

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



4294820940



4294962889



4294790279



4286608736



4278190080



4286611584



# Same Dimension

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



4294820940



4294949417



4292934988



4286610291



4290740736



4282395392



# Inverse Universe

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



4283205117



4280905471



4285091069



4285757312



4278206143



4278195520



# Previews

## White Background



This preview shows how the Android color 4294820940 looks on a white background.

## Color Contrast Check

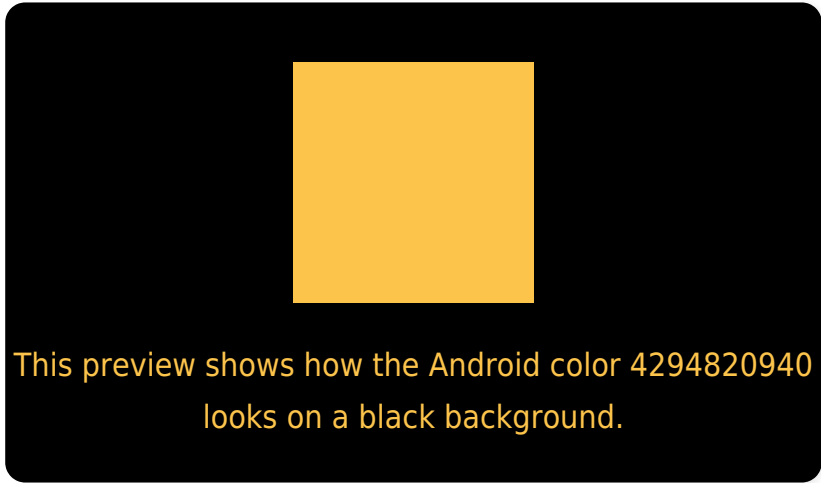
Large Text (above 18pt) WCAG AA × Fail

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 4294820940 Background



This preview shows how black text looks on a background with the Android color 4294820940.



This preview shows how white text looks on a background with the Android color 4294820940.

# 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**  
4294820940

**Protanopia**  
4293250383

**Deuteranopia**  
4294951760



**Tritanopia**  
4294949831

# Trichromacy



**Original Color**  
4294820940

**Protanomaly**  
4293839438

**Deuteranomaly**  
4294886223

**Tritanomaly**  
4294885018

# Monochromacy



**Original Color**  
4294820940

**Achromatopsia**  
4291282887

**Achromatomaly**  
4292593306

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294820940 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(253, 196, 76)` looks like.

```
.text, #text, p{  
    color:rgb(253, 196, 76)  
}
```

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(253, 196, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 196, 76) }
```

## Border

The CSS property to change the border of an element to Android 4294820940 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(253, 196, 76) }
```

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

```
.border{ border-color:rgb(253, 196, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 196, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 196, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 196, 76);  
box-shadow:4px 4px 4px 4px rgb(253, 196,  
76) }
```

# Background

The CSS property to change the background color of an element to Android 4294820940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 196, 76) }
```

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

```
.background{ background-color: rgb(253,  
196, 76) }
```

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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