

# Converting Colors

Android(4294097481)

Have a look what the booklet for  
Android(4294097481) contains.

<b>Android(4294097481)</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(4294097481)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2BA49
RGB	242, 186, 73
RGB Percent	95%, 73%, 29%
CMY	0.0510, 0.2706, 0.7137
CMYK	0.00, 0.23, 0.70, 0.05
HSL	40°, 87%, 62%
HSV	40°, 70%, 95%
XYZ	55.3795, 54.4761, 13.8995
YIQ	189.8620, 69.6490, -23.2710

# Conversions

## Conversions Part 2

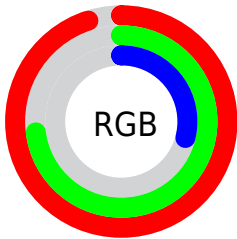
Format	Color
<a href="#">RYB</a>	<a href="#">157, 242, 73</a>
Decimal	<a href="#">15907401</a>
CIELab	<a href="#">78.74, 9.26, 62.64</a>
CIElCh	<a href="#">79, 63.320, 81.594</a>
Yxy	<a href="#">54.4761, 0.4475, 0.4402</a>
Android (android.graphics.Color)	<a href="#">4294097481 (0xFFFF2BA49)</a>
YUV	<a href="#">189.8620, -57.6130, 45.7250</a>
Hunter-Lab	<a href="#">73.8079, 4.7680, 40.5001</a>

# Details

The Android color **4294097481** is a light color, and the websafe version is hex **FFCC66**, and the color name is **maximum yellow red**. The color can be described as light washed orange. A complement of this color would be **4283007474**, and the grayscale version is **4290690750**.

A 20% lighter version of the original color is **4294963839**, and **4290151689** is the 20% darker color. If you saturate the color by 10%, you get **4294095409**, and if you desaturate by 10%, it is **4294099553**.

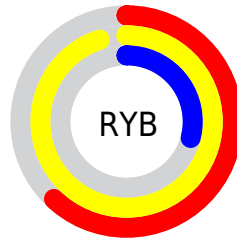
# Distribution



Red (95%)

Green (73%)

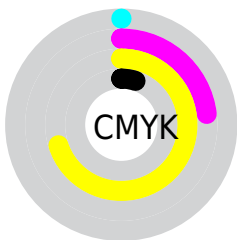
Blue (29%)



Red (62%)

Yellow (95%)

Blue (29%)

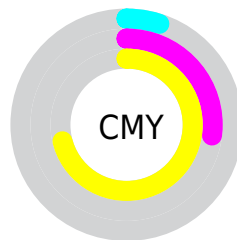


Cyan (0%)

Magenta (23%)

Yellow (70%)

Black (5%)



Cyan (5%)

Magenta (27%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294097481 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 4294097481 by changing the saturation by 10% instead.





4294097481



4294097481

4294967295



4292124461



4294963839



4290151689



4294967194



4288179200



4294967222



4286338048



4294967251



4284431616



4294967280



4282656768



4280947456



4278845440



4278190080

■ 4294097481

■ 4294097481

■ 4294095409

■ 4294099553

■ 4294093337

■ 4294101625

■ 4294091264

■ 4294103698

■ 4294105770

■ 4294107842

■ 4294109914

■ 4294111986

■ 4294114047

■ 4294115327

# Harmonies

## Analogous

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



4294943848



4294097481



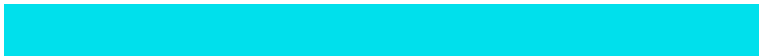
4290432334

# Triad

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



4294097481



4278247660



4294681343

# Complementary

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



4294097481



4283007474

# 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.



4289379071



4294097481



4278246399

# Square

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



4294097481



4278247344



4278243071



4294939094

# Rectangle

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



4294097481



4287485286



4278243071



4293176063



# Sweetspot

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



4294097481



4294962633



4294068609



4286608736



4278190080



4286611584



# Same Dimension

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



4294097481



4294948905



4292276809



4286084204



4290280192



4281869824



# Inverse Universe

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



4283007474



4280905983



4284828146



4285296760



4278205880



4278195000



# Previews

## White Background



This preview shows how the Android color 4294097481 looks on a white background.

## Color Contrast Check

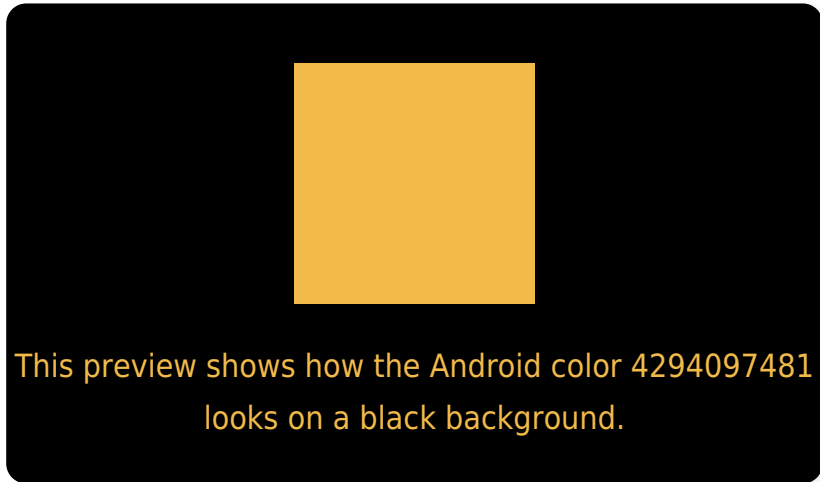
Large Text (above 18pt) WCAG AA × Fail

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 4294097481 Background



This preview shows how black text looks on a background with the Android color 4294097481.



This preview shows how white text looks on a background with the Android color 4294097481.

# 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**  
4294097481

**Protanopia**  
4292526924

**Deuteranopia**  
4294162761



**Tritanopia**  
4294618812

# Trichromacy



**Original Color**  
4294097481

**Protanomaly**  
4293115979

**Deuteranomaly**  
4294162761

**Tritanomaly**  
4294423186

# Monochromacy



**Original Color**  
4294097481

**Achromatopsia**  
4290690750

**Achromatomaly**  
4291935635

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294097481 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(242, 186, 73)` looks like.

```
.text, #text, p{  
    color:rgb(242, 186, 73)  
}
```

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(242, 186, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 186, 73) }
```

## Border

The CSS property to change the border of an element to Android 4294097481 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(242, 186, 73) }
```

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

```
.border{ border-color:rgb(242, 186, 73) }
```

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

Here you see how a box with a 4 pixel rgb(242, 186, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 186, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 186, 73);  
box-shadow:4px 4px 4px 4px rgb(242, 186,  
73) }
```

# Background

The CSS property to change the background color of an element to Android 4294097481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 186, 73) }
```

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

```
.background{ background-color: rgb(242,  
186, 73) }
```

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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