

# Converting Colors

Android(4294097444)

Have a look what the booklet for  
Android(4294097444) contains.

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# **Color**

**Android(4294097444)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2BA24
RGB	242, 186, 36
RGB Percent	95%, 73%, 14%
CMY	0.0510, 0.2706, 0.8588
CMYK	0.00, 0.23, 0.85, 0.05
HSL	44°, 89%, 55%
HSV	44°, 85%, 95%
XYZ	54.4953, 54.1224, 9.2435
YIQ	185.6440, 81.5260, -34.7780

# Conversions

## Conversions Part 2

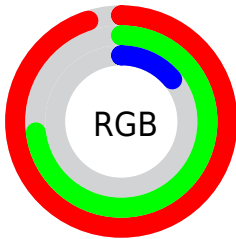
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	113, 242, 36
Decimal	15907364
CIE <sub>Lab</sub>	78.53, 7.91, 75.09
CIE <sub>LCh</sub>	79, 75.503, 83.988
Yxy	54.1224, 0.4624, 0.4592
Android (android.graphics.Color)	4294097444 (0xFFF2BA24)
YUV	185.6440, -73.7745, 49.4242
Hunter-Lab	73.5679, 3.4796, 44.0480

# Details

The Android color `4294097444` is a light color, and the websafe version is hex `FFCC33`. The color can be described as light washed orange. A complement of this color would be `4280573170`, and the grayscale version is `4290427578`.

A 20% lighter version of the original color is `4294963809`, and `4290086144` is the 20% darker color. If you saturate the color by 10%, you get `4294095628`, and if you desaturate by 10%, it is `4294099260`.

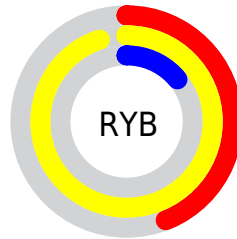
# Distribution



Red (95%)

Green (73%)

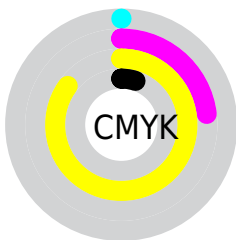
Blue (14%)



Red (44%)

Yellow (95%)

Blue (14%)

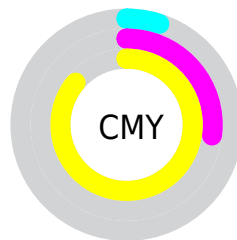


Cyan (0%)

Magenta (23%)

Yellow (85%)

Black (5%)



Cyan (5%)

Magenta (27%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294097444 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 4294097444 by changing the saturation by 10% instead.



 4294097444

 4294097444

4294967295

 4292058880

 4294963809

 4290086144

 4294967166

 4288113664

 4294967194

 4286206976

 4294967223

 4284300544

 4294967252

 4282525696

 4294967281

 4280816640

 4278452224

 4278190080

■ 4294097444

■ 4294097444

■ 4294095628

■ 4294099260

■ 4294094848

■ 4294100820

■ 4294102637

■ 4294104197

■ 4294106013

■ 4294107573

■ 4294109389

■ 4294111206

■ 4294112766

# Harmonies

## Analogous

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



4294942288



4294097444



4289711922

# Triad

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



4294097444



4278248441



4294940671

# Complementary

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



4294097444



4280573170

# 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.



4289246975



4294097444



4278246911

# Square

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



4294097444



4278248369



4278243327



4294934740

# Rectangle

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



4294097444



4286044502



4278243327



4293960191



# Sweetspot

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



4294097444



4294962621



4294059102



4286608728



4278190080



4286611584



# Same Dimension

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



4294097444



4294949376



4291162660



4286084460



4290283008



4281870592



# Inverse Universe

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



4280573170



4278207999



4283507954



4285296504



4278203064



4278193976



# Previews

## White Background



This preview shows how the Android color 4294097444 looks on a white background.

## Color Contrast Check

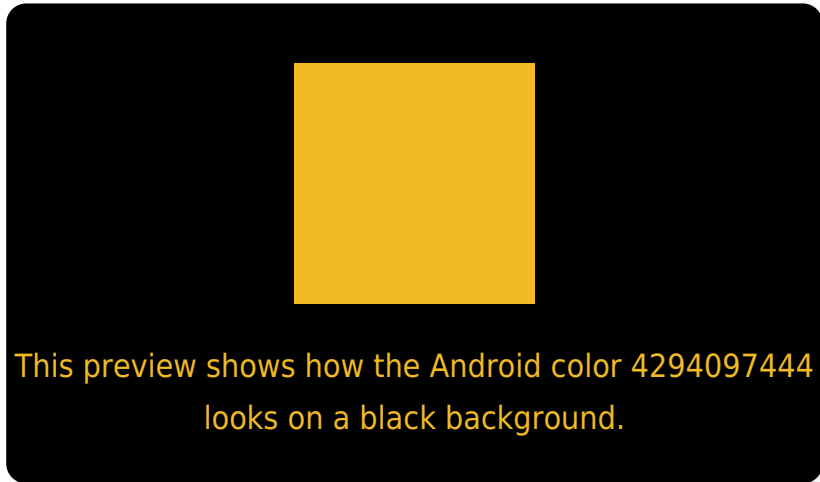
Large Text (above 18pt) WCAG AA × Fail

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 4294097444 Background



This preview shows how black text looks on a background with the Android color 4294097444.



This preview shows how white text looks on a background with the Android color 4294097444.

# 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**  
4294097444

**Protanopia**  
4292592422

**Deuteranopia**  
4294293797



**Tritanopia**  
4294684090

# Trichromacy



**Original Color**  
4294097444

**Protanomaly**  
4293115941

**Deuteranomaly**  
4294228261

**Tritanomaly**  
4294488707

# Monochromacy



**Original Color**  
4294097444

**Achromatopsia**  
4290427578

**Achromatomaly**  
4291738243

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294097444 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, 36)` looks like.

```
.text, #text, p{  
    color:rgb(242, 186, 36)  
}
```

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, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 186, 36) }
```

## Border

The CSS property to change the border of an element to Android 4294097444 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, 36) }
```

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

```
.border{ border-color:rgb(242, 186, 36) }
```

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, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 186, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 186, 36);  
box-shadow:4px 4px 4px 4px rgb(242, 186,  
36) }
```

# Background

The CSS property to change the background color of an element to Android 4294097444 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, 36) }
```

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

```
.background{ background-color: rgb(242,  
186, 36) }
```

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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