

# Converting Colors

Android(4294312090)

Have a look what the booklet for  
Android(4294312090) contains.

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**Color**

**Android(4294312090)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F6009A
RGB	246, 0, 154
RGB Percent	96%, 0%, 60%
CMY	0.0353, 1.0000, 0.3961
CMYK	0.00, 1.00, 0.37, 0.04
HSL	322°, 100%, 48%
HSV	322°, 100%, 96%
XYZ	43.8388, 21.9259, 32.4934
YIQ	91.1100, 97.1820, 100.0460

# Conversions

## Conversions Part 2

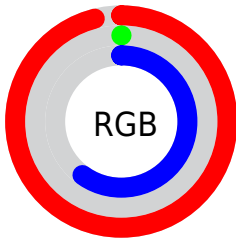
<b>Format</b>	<b>Color</b>
<b>RYB</b>	246, 0, 154
Decimal	16122010
CIELab	53.95, 84.82, -13.05
CIElCh	54, 85.813, 351.252
Yxy	21.9259, 0.4462, 0.2231
Android (android.graphics.Color)	4294312090 (0xFFFF6009A)
YUV	91.1100, 31.0048, 135.8385
Hunter-Lab	46.8251, 85.1719, -8.3656

# Details

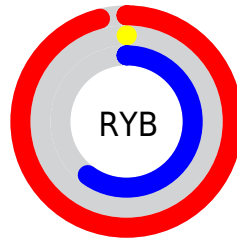
The Android color **4294312090** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **4278253148**, and the grayscale version is **4284177243**.

A 20% lighter version of the original color is **4294927312**, and **4290248807** is the 20% darker color. If you saturate the color by 10%, you get **4294312090**, and if you desaturate by 10%, it is **4294318499**.

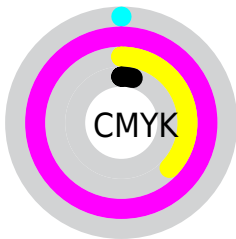
# Distribution



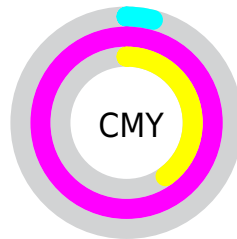
- Red (96%)
- Green (0%)
- Blue (60%)



- Red (96%)
- Yellow (0%)
- Blue (60%)



- Cyan (0%)
- Magenta (100%)
- Yellow (37%)
- Black (4%)



- Cyan (4%)
- Magenta (100%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294312090 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 4294312090 by changing the saturation by 10% instead.



 4294312090

 4294312090

4294967295

 4292280448

 4294927312

 4290248807

 4294935533

 4288217167

 4294943487

 4286185528

 4294951167

 4284284963

 4294959103

 4282318857

4294967039

 4280090625

 4278190080

 4294312090

 4294318499

 4294324652

 4294331062

 4294337215

 4294343624

 4294350033

 4294356186

 4294362596

 4294368749

# Harmonies

## Analogous

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



4290858207



4294312090



4294775633

# Triad

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



4294312090



4285172992



4278230517

# Complementary

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



4294312090



4278253148

# 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.



4278231221



4294312090



4278229260

# Square

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



4294312090



4289689088



4278230632



4278227455

# Rectangle

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



4294312090



4293804063



4278230632



4278231010



# Sweetspot

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



4294312090



4294947810



4284088566



4286599790



4278190080



4286611584



# Same Dimension

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



4294312090



4294901920



4294311969



4286213750



4290379893



4282056741



# Inverse Universe

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



4294312090



4294901920



4278253269



4286213750



4290379893



4282056741



# Previews

## White Background



This preview shows how the Android color 4294312090 looks on a white background.

## Color Contrast Check

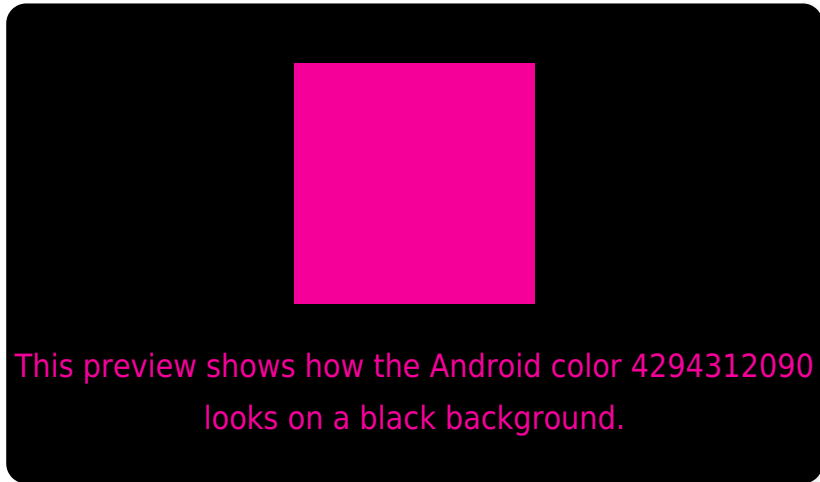
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4294312090 Background



This preview shows how black text looks on a background with the Android color 4294312090.



This preview shows how white text looks on a background with the Android color 4294312090.

# 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**  
4294312090

**Protanopia**  
4284186589

**Deuteranopia**  
4287201167



# Trichromacy



**Original Color**

4294312090



**Protanomaly**

4287844805



**Deuteranomaly**

4289810835



**Tritanomaly**

4294059872

# Monochromacy



**Original Color**

4294312090



**Achromatopsia**

4284177243



**Achromatomaly**

4287838834

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294312090 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(246, 0, 154)` looks like.

```
.text, #text, p{  
    color:rgb(246, 0, 154)  
}
```

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(246, 0, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 0, 154) }
```

## Border

The CSS property to change the border of an element to Android 4294312090 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(246, 0, 154) }
```

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

```
.border{ border-color:rgb(246, 0, 154) }
```

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

Here you see how a box with a 4 pixel rgb(246, 0, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 0, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 0, 154);  
box-shadow:4px 4px 4px 4px rgb(246, 0,  
154) }
```

# Background

The CSS property to change the background color of an element to Android 4294312090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 0, 154) }
```

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

```
.background{ background-color: rgb(246, 0,  
154) }
```

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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