

# Converting Colors

Android(4294073036)

Have a look what the booklet for  
Android(4294073036) contains.

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# **Color**

**Android(4294073036)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F25ACC
RGB	242, 90, 204
RGB Percent	95%, 35%, 80%
CMY	0.0510, 0.6471, 0.2000
CMYK	0.00, 0.63, 0.16, 0.05
HSL	315°, 85%, 65%
HSV	315°, 63%, 95%
XYZ	51.1732, 30.5492, 60.3262
YIQ	148.4440, 53.9980, 67.6780

# Conversions

## Conversions Part 2

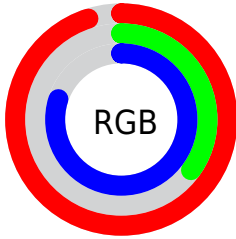
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 90, 204
Decimal	15882956
CIE <sub>Lab</sub>	62.13, 70.01, -29.57
CIE <sub>LCh</sub>	62, 76.000, 337.106
Yxy	30.5492, 0.3603, 0.2151
Android (android.graphics.Color)	4294073036 (0xFFFF25ACC)
YUV	148.4440, 27.3891, 82.0486
Hunter-Lab	55.2713, 68.5401, -26.0225

# Details

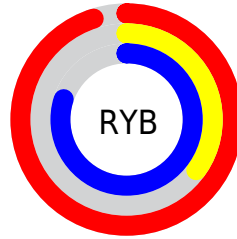
The Android color `4294073036` is a light color, and the websafe version is hex `FF66CC`. The color can be described as light muted magenta. A complement of this color would be `4284150400`, and the grayscale version is `4287927444`.

A 20% lighter version of the original color is `4294939903`, and `4290122134` is the 20% darker color. If you saturate the color by 10%, you get `4294066886`, and if you desaturate by 10%, it is `4294079186`.

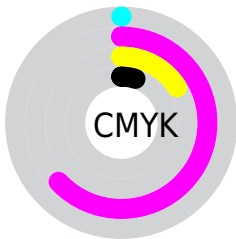
# Distribution



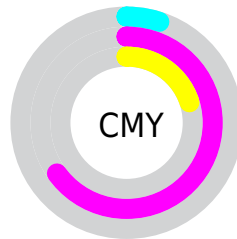
- Red (95%)
- Green (35%)
- Blue (80%)



- Red (95%)
- Yellow (35%)
- Blue (80%)



- Cyan (0%)
- Magenta (63%)
- Yellow (16%)
- Black (5%)



- Cyan (5%)
- Magenta (65%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294073036 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 4294073036 by changing the saturation by 10% instead.



 4294073036

 4294073036

4294967295

 4292098992

 4294939903

 4290122134

 4294947327

 4288217211

 4294955007

 4286382178

 4294962431

 4284481610

 4282777651

 4280942621

 4278190080

 4294073036

 4294073036

4294066886

4294079186

4294060736

4294085336

4294054330

4294091742

4294049973

4294097892

4294104042

4294110192

4294115318

4294115324

4294115327

# Harmonies

## Analogous

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



4289428735



4294073036



4294920841

# Triad

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



4294073036



4289107968



4278236134

# Complementary

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



4294073036



4284150400

# 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.



4278236325



4294073036



4284327955

# Square

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



4294073036



4292706048



4278235486



4278234111

# Rectangle

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



4294073036



4294923613



4278235486



4278236370



# Sweetspot

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



4294073036



4294954995



4286601970



4286603896



4278190080



4286611584



# Same Dimension

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



4294073036



4294918351



4294072960



4286082165



4290248842



4281860138



# Inverse Universe

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



4294073036



4294918351



4284150476



4286082165



4290248842

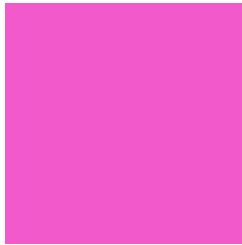


4281860138



# Previews

## White Background



This preview shows how the Android color 4294073036 looks on a white background.

## Color Contrast Check

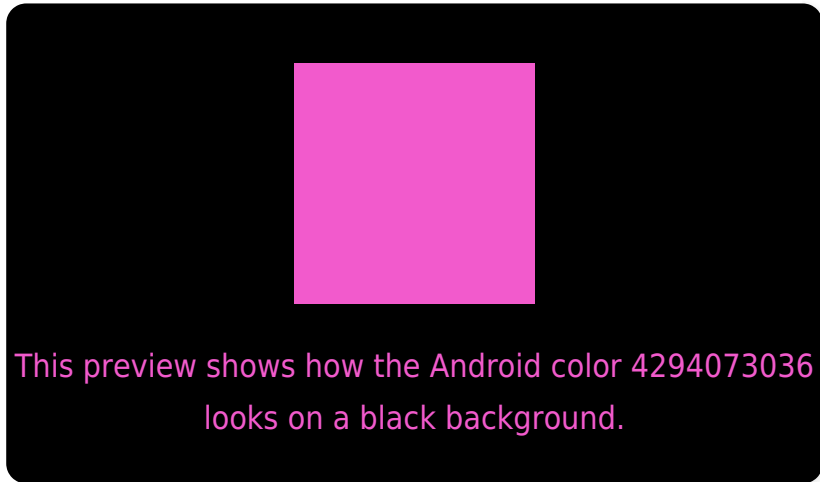
Large Text (above 18pt) WCAG AA × Fail

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 4294073036 Background



This preview shows how black text looks on a background with the Android color 4294073036.



This preview shows how white text looks on a background with the Android color 4294073036.

# 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





# Trichromacy



**Original Color**

4294073036



**Protanomaly**

4288511721



**Deuteranomaly**

4289888198



**Tritanomaly**

4293748887

# Monochromacy



**Original Color**

4294073036



**Achromatopsia**

4287927444



**Achromatomaly**

4290150312

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294073036 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, 90, 204)` looks like.

```
.text, #text, p{  
    color:rgb(242, 90, 204)  
}
```

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, 90, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 90, 204) }
```

## Border

The CSS property to change the border of an element to Android 4294073036 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, 90, 204) }
```

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

```
.border{ border-color:rgb(242, 90, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 90, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 90, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 90, 204);  
box-shadow:4px 4px 4px 4px rgb(242, 90,  
204) }
```

# Background

The CSS property to change the background color of an element to Android 4294073036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 90, 204) }
```

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

```
.background{ background-color: rgb(242, 90,  
204) }
```

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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