

# Converting Colors

Android(4291768240)

Have a look what the booklet for  
Android(4291768240) contains.

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**Color**

**Android(4291768240)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF2FB0
RGB	207, 47, 176
RGB Percent	81%, 18%, 69%
CMY	0.1882, 0.8157, 0.3098
CMYK	0.00, 0.77, 0.15, 0.19
HSL	312°, 63%, 50%
HSV	312°, 77%, 81%
XYZ	34.5851, 18.4330, 42.8094
YIQ	109.5460, 53.9510, 74.0390

# Conversions

## Conversions Part 2

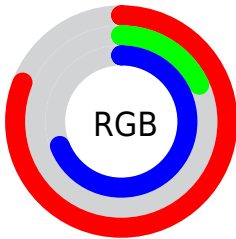
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 47, 176
Decimal	13578160
CIE <sub>Lab</sub>	50.02, 72.40, -32.69
CIE <sub>LCh</sub>	50, 79.444, 335.698
Yxy	18.4330, 0.3609, 0.1924
Android (android.graphics.Color)	4291768240 (0xFFCF2FB0)
YUV	109.5460, 32.7618, 85.4672
Hunter-Lab	42.9337, 68.6562, -29.0648

# Details

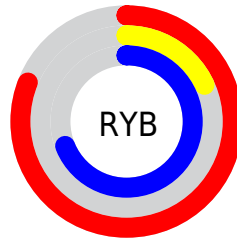
The Android color `4291768240` is a dark color, and the websafe version is hex `CC0099`. The color can be described as middle muted rose. A complement of this color would be `4281323342`, and the grayscale version is `4285361517`.

A 20% lighter version of the original color is `4294930152`, and `4287889531` is the 20% darker color. If you saturate the color by 10%, you get `4291762860`, and if you desaturate by 10%, it is `4291773620`.

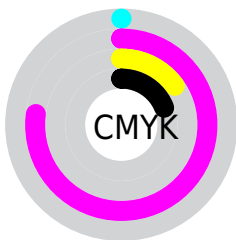
# Distribution



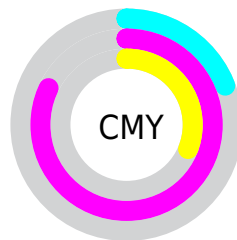
- Red (81%)
- Green (18%)
- Blue (69%)



- Red (81%)
- Yellow (18%)
- Blue (69%)



- Cyan (0%)
- Magenta (77%)
- Yellow (15%)
- Black (19%)




- Cyan (19%)
- Magenta (82%)
- Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291768240 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 4291768240 by changing the saturation by 10% instead.



 4291768240

 4291768240

4294967295

 4289790101

 4294930152

 4287889531

 4294937855

 4286054498

 4294945279

 4284219465


 4294952703

 4282515507


 4294960383

 4280549404

 4278190080

 4291768240

 4291768240

 4291762860

 4291773620

■ 4291757736

■ 4291778744

■ 4291756199

■ 4291784124

■ 4291789504

■ 4291794628

■ 4291800008

■ 4291805388

■ 4291810768

■ 4291815892

# Harmonies

## Analogous

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



4286734054



4291768240



4293525613

# Triad

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



4291768240



4286937344



4278227909

# Complementary

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



4291768240



4281323342

# 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.



4278227843



4291768240



4281960448

# Square

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



4291768240



4290469376



4278227003



4278226419

# Rectangle

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



4291768240



4293337665



4278227003



4278227888



# Sweetspot

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



4291768240



4294952180



4283183055



4286602361



4278190080



4286611584



# Same Dimension

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



4291768240



4294906577



4291768162



4285095527



4289200264



4280877089



# Inverse Universe

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



4291768240



4294906577



4281323420



4285095527



4289200264



4280877089



# Previews

## White Background



This preview shows how the Android color 4291768240 looks on a white background.

## Color Contrast Check

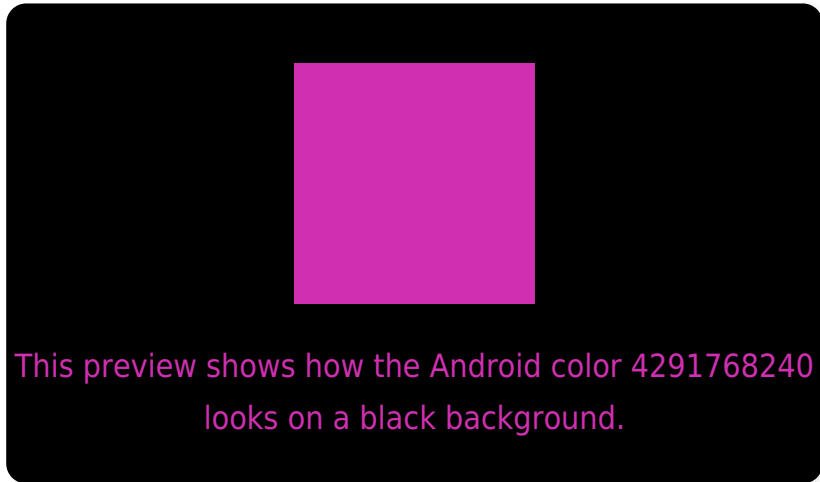
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291768240 Background



This preview shows how black text looks on a background with the Android color 4291768240.



This preview shows how white text looks on a background with the Android color 4291768240.

# 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**

4291768240



**Protanomaly**

4285160405



**Deuteranomaly**

4287454378



**Tritanomaly**

4291445878

# Monochromacy



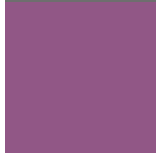
**Original Color**

4291768240



**Achromatopsia**

4285427310



**Achromatomaly**

4287715206

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291768240 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(207, 47, 176)` looks like.

```
.text, #text, p{  
    color:rgb(207, 47, 176)  
}
```

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(207, 47, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 47, 176) }
```

## Border

The CSS property to change the border of an element to Android 4291768240 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(207, 47, 176) }
```

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

```
.border{ border-color:rgb(207, 47, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 47, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 47, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 47, 176);  
box-shadow:4px 4px 4px 4px rgb(207, 47,  
176) }
```

# Background

The CSS property to change the background color of an element to Android 4291768240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 47, 176) }
```

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

```
.background{ background-color: rgb(207, 47,  
176) }
```

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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