

# Converting Colors

Android(4292707017)

Have a look what the booklet for  
Android(4292707017) contains.

<b>Android(4292707017)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4292707017)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DD82C9
RGB	221, 130, 201
RGB Percent	87%, 51%, 79%
CMY	0.1333, 0.4902, 0.2118
CMYK	0.00, 0.41, 0.09, 0.13
HSL	313°, 57%, 69%
HSV	313°, 41%, 87%
XYZ	48.3440, 35.5545, 59.5730
YIQ	165.3030, 31.4450, 41.3730

# Conversions

## Conversions Part 2

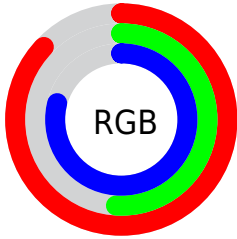
Format	Color
R <sub>Y</sub> B	221, 130, 201
Decimal	14516937
CIE Lab	66.18, 44.91, -21.89
CIE LCh	66, 49.958, 334.010
Yxy	35.5545, 0.3370, 0.2478
Android (android.graphics.Color)	4292707017 (0xFFDD82C9)
YUV	165.3030, 17.5986, 48.8463
Hunter-Lab	59.6276, 40.3736, -17.4965

# Details

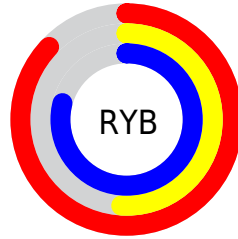
The Android color `4292707017` is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be `4286766486`, and the grayscale version is `4289045925`.

A 20% lighter version of the original color is `4294949375`, and `4288958099` is the 20% darker color. If you saturate the color by 10%, you get `4292701380`, and if you desaturate by 10%, it is `4292712654`.

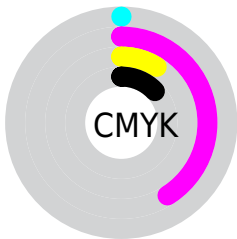
# Distribution



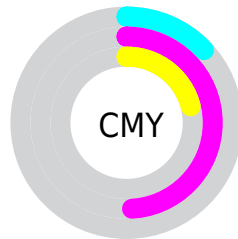
- Red (87%)
- Green (51%)
- Blue (79%)



- Red (87%)
- Yellow (51%)
- Blue (79%)



- Cyan (0%)
- Magenta (41%)
- Yellow (9%)
- Black (13%)



- Cyan (13%)
- Magenta (49%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292707017 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 4292707017 by changing the saturation by 10% instead.



 4292707017

 4292707017

4294967295

 4290799790

 4294949375

 4288958099

 4294956543

 4287181945

 4294963967

 4285405280

 4283695176

 4282056753

 4280483868

 4278190080

 4292707017

 4292707017

 4292701380

 4292712654

 4292695743

 4292718291

 4292690106

 4292723928

 4292684470

 4292729564

 4292678577

 4292735457

 4292673708

 4292739046

 4292739051

 4292739056

 4292739061

# Harmonies

## Analogous

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



4289500139



4292707017



4294146717

# Triad

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



4292707017



4290093124



4278236882

# Complementary

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



4292707017



4286766486

# 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.



4278237350



4292707017



4287081811

# Square

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



4292707017



4292513872



4283020408



4278235377

# Rectangle

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



4292707017



4294212991



4283020408



4278237124



# Sweetspot

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



4292707017



4294959352



4288053981



4286606972



4278190080



4286611584



# Same Dimension

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



4292707017



4294935268



4292706972



4285424491



4289527943



4281204772



# Inverse Universe

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



4292707017



4294935268



4286766531



4285424491



4289527943

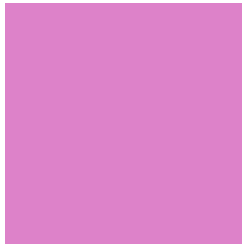


4281204772



# Previews

## White Background



This preview shows how the Android color 4292707017 looks on a white background.

## Color Contrast Check

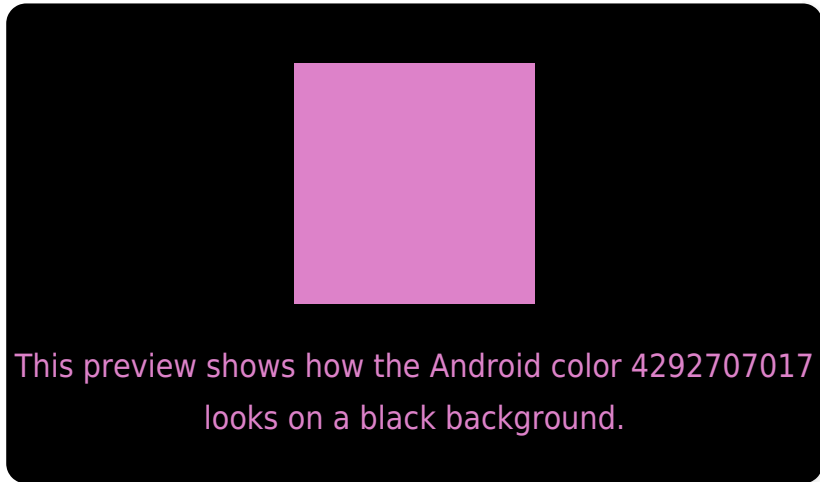
Large Text (above 18pt) WCAG AA × Fail

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

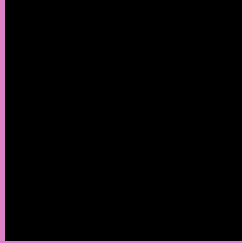
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4292707017 Background



This preview shows how black text looks on a background with the Android color 4292707017.



This preview shows how white text looks on a background with the Android color 4292707017.

# 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**  
4292707017

**Protanopia**  
4287537118

**Deuteranopia**  
4288716484



**Tritanopia**  
4292316311

# Trichromacy



**Original Color**  
4292707017



**Protanomaly**  
4289434838



**Deuteranomaly**  
4290155718

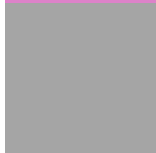


**Tritanomaly**  
4292446377

# Monochromacy



**Original Color**  
4292707017



**Achromatopsia**  
4289045925



**Achromatomaly**  
4290353330

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292707017 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(221, 130, 201)` looks like.

```
.text, #text, p{  
    color:rgb(221, 130, 201)  
}
```

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(221, 130, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 130, 201) }
```

## Border

The CSS property to change the border of an element to Android 4292707017 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(221, 130, 201) }
```

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

```
.border{ border-color:rgb(221, 130, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 130, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 130, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 130, 201);  
box-shadow:4px 4px 4px 4px rgb(221, 130,  
201) }
```

# Background

The CSS property to change the background color of an element to Android 4292707017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 130, 201) }
```

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

```
.background{ background-color: rgb(221,  
130, 201) }
```

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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