

# Converting Colors

Android(4292706023)

Have a look what the booklet for  
Android(4292706023) contains.

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# **Color**

**Android(4292706023)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DD7EE7
RGB	221, 126, 231
RGB Percent	87%, 49%, 91%
CMY	0.1333, 0.5059, 0.0941
CMYK	0.04, 0.45, 0.00, 0.09
HSL	294°, 69%, 70%
HSV	294°, 45%, 91%
XYZ	51.7035, 36.0634, 79.8372
YIQ	166.3750, 22.9150, 52.7950

# Conversions

## Conversions Part 2

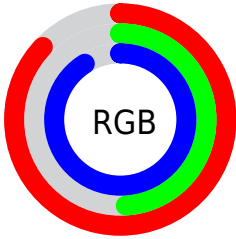
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 126, 231
Decimal	14515943
CIE <sub>Lab</sub>	66.57, 52.26, -37.99
CIE <sub>LCh</sub>	67, 64.610, 323.987
Yxy	36.0634, 0.3085, 0.2152
Android (android.graphics.Color)	4292706023 (0xFFDD7EE7)
YUV	166.3750, 31.8601, 47.9061
Hunter-Lab	60.0528, 48.5901, -36.7861

# Details

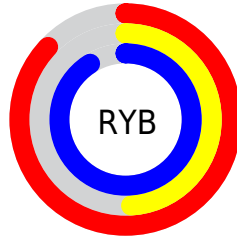
The Android color `4292706023` is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be `4287162238`, and the grayscale version is `4289111718`.

A 20% lighter version of the original color is `4294948351`, and `4288956847` is the 20% darker color. If you saturate the color by 10%, you get `4292569063`, and if you desaturate by 10%, it is `4292842983`.

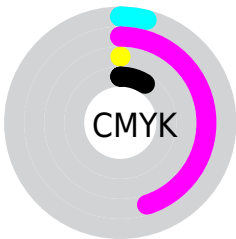
# Distribution



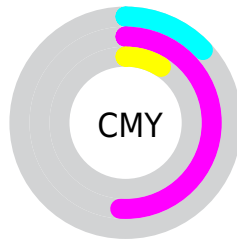
- Red (87%)
- Green (49%)
- Blue (91%)



- Red (87%)
- Yellow (49%)
- Blue (91%)



- Cyan (4%)
- Magenta (45%)
- Yellow (0%)
- Black (9%)

















- Cyan (13%)
- Magenta (51%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292706023 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 4292706023 by changing the saturation by 10% instead.



 4292706023	 4292706023
4294967295	 4290798539
 4294948351	 4288956847
 4294955519	 4287114900
 4294962943	 4285336954
	 4283629665
	 4281925704
	 4280352817
	 4278190363
	 4278190080

 4292706023

 4292706023

 4292569063

 4292842983

 4292432103

 4292979943

 4292229607

 4293182439

 4292092647

 4293319399

 4291955431

 4293456615

 4291887335

 4293591015

 4293722087

 4293918695

 4294049767

# Harmonies

## Analogous

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



4287469567



4292706023



4294929584

# Triad

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



4292706023



4291468065



4278238671

# Complementary

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



4292706023



4287162238

# 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.



4278238612



4292706023



4287802668

# Square

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



4292706023



4294214724



4282693722



4278237439

# Rectangle

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



4292706023



4294929289



4282693722



4278238908



# Sweetspot

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



4292706023



4294761471



4286482663



4286409344



4278190080



4286611584



# Same Dimension

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



4292706023



4294079487



4293361341



4285687667



4288807091



4281204787



# Inverse Universe

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



4293361288



4294931328



4286506920



4285753192



4289921041

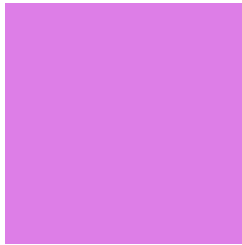


4281532421



# Previews

## White Background



This preview shows how the Android color 4292706023 looks on a white background.

## Color Contrast Check

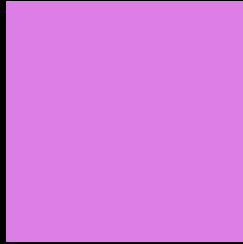
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4292706023 looks on a 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 4292706023 Background



This preview shows how black text looks on a background with the Android color 4292706023.



This preview shows how white text looks on a background with the Android color 4292706023.

# 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**

4292706023



**Protanomaly**

4288779254



**Deuteranomaly**

4289434851



**Tritanomaly**

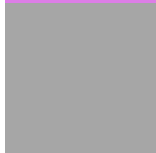
4292315574

# Monochromacy



**Original Color**

4292706023



**Achromatopsia**

4289111718



**Achromatomaly**

4290418622

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292706023 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, 126, 231)` looks like.

```
.text, #text, p{  
    color:rgb(221, 126, 231)  
}
```

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, 126, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 126, 231) }
```

## Border

The CSS property to change the border of an element to Android 4292706023 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, 126, 231) }
```

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

```
.border{ border-color:rgb(221, 126, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 126, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 126, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 126, 231);  
box-shadow:4px 4px 4px 4px rgb(221, 126,  
231) }
```

# Background

The CSS property to change the background color of an element to Android 4292706023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 126, 231) }
```

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

```
.background{ background-color: rgb(221,  
126, 231) }
```

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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