

# Converting Colors

Android(4292699864)

Have a look what the booklet for  
Android(4292699864) contains.

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# **Color**

**Android(4292699864)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DD66D8
RGB	221, 102, 216
RGB Percent	87%, 40%, 85%
CMY	0.1333, 0.6000, 0.1529
CMYK	0.00, 0.54, 0.02, 0.13
HSL	303°, 64%, 63%
HSV	303°, 54%, 87%
XYZ	46.9648, 29.8328, 68.2487
YIQ	150.5770, 34.3300, 60.6820

# Conversions

## Conversions Part 2

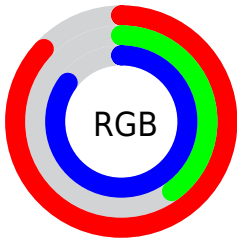
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	221, 102, 216
Decimal	14509784
CIE Lab	61.51, 61.20, -37.52
CIE LCh	62, 71.785, 328.484
Yxy	29.8328, 0.3238, 0.2057
Android (android.graphics.Color)	4292699864 (0xFFDD66D8)
YUV	150.5770, 32.2535, 61.7610
Hunter-Lab	54.6194, 57.9005, -35.8513

# Details

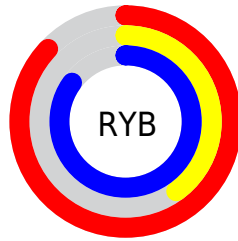
The Android color `4292699864` is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be `4284931435`, and the grayscale version is `4288059030`.

A 20% lighter version of the original color is `4294942463`, and `4288883873` is the 20% darker color. If you saturate the color by 10%, you get `4292694231`, and if you desaturate by 10%, it is `4292705497`.

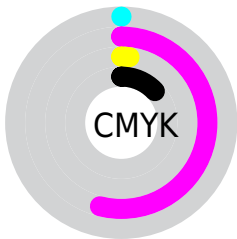
# Distribution



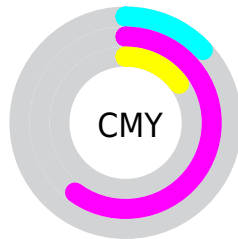
- Red (87%)
- Green (40%)
- Blue (85%)



- Red (87%)
- Yellow (40%)
- Blue (85%)



- Cyan (0%)
- Magenta (54%)
- Yellow (2%)
- Black (13%)



- Cyan (13%)
- Magenta (60%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292699864 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 4292699864 by changing the saturation by 10% instead.



 4292699864

 4292699864

4294967295

 4290792124

 4294942463

 4288883873

 4294949631

 4287037574

 4294957055

 4285202540

 4294964479

 4283433044

 4281860156

 4279959589

 4278190349

 4278190080

4292699864

4292699864

4292694231

4292705497

4292688598

4292711130

4292682965

4292716763

4292677332

4292722396

4292673748

4292728285

4292733918

4292739039

4292739040

# Harmonies

## Analogous

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



4287268351



4292699864



4294922395

# Triad

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



4292699864



4290089216



4278235600

# Complementary

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



4292699864



4284931435

# 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.



4278235535



4292699864



4285964803

# Square

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



4292699864



4293228321



4278234190



4278234111

# Rectangle

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



4292699864



4294923376



4278234190



4278235835



# Sweetspot

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



4292699864



4294956797



4285163229



4286605182



4278190080



4286611584



# Same Dimension

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



4292699864



4294924792



4292699806



4285424493



4289527974



4281204780



# Inverse Universe

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



4292699864



4294924792



4284931493



4285424493



4289527974

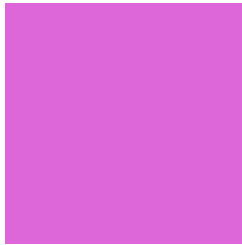


4281204780



# Previews

## White Background



This preview shows how the Android color 4292699864 looks on a white background.

## Color Contrast Check

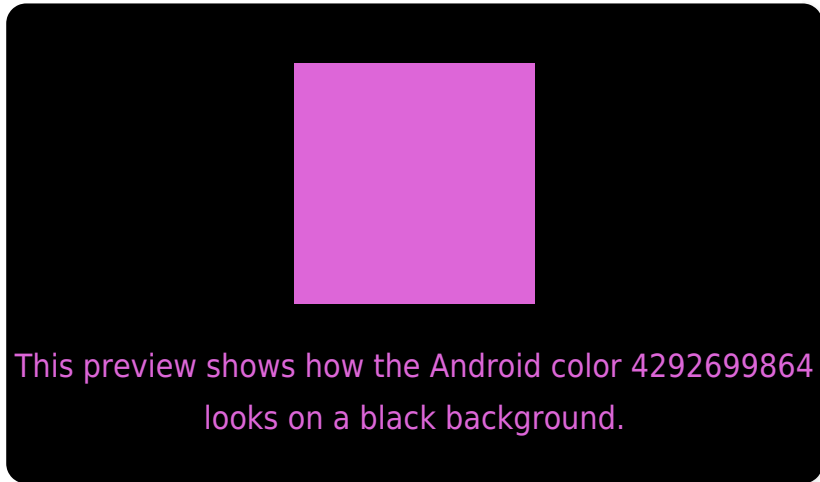
Large Text (above 18pt) WCAG AA ✓ Pass

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

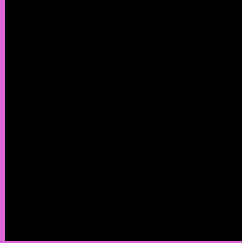
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4292699864 Background



This preview shows how black text looks on a background with the Android color 4292699864.



This preview shows how white text looks on a background with the Android color 4292699864.

# 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**  
4292699864



**Protanomaly**  
4287791600



**Deuteranomaly**  
4288840659



**Tritanomaly**  
4292309923

# Monochromacy



**Original Color**  
4292699864



**Achromatopsia**  
4288124823



**Achromatomaly**  
4289758639

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292699864 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, 102, 216)` looks like.

```
.text, #text, p{  
    color:rgb(221, 102, 216)  
}
```

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, 102, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 102, 216) }
```

## Border

The CSS property to change the border of an element to Android 4292699864 is called "border". The border property can be set on classes, ids or directly on the HTML element.

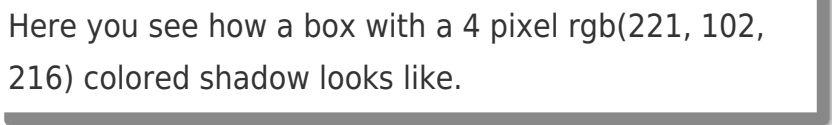
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(221, 102, 216) }
```

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

```
.border{ border-color:rgb(221, 102, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(221, 102, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 102, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 102, 216); box-shadow:4px 4px 4px 4px rgb(221, 102, 216) }
```

# Background

The CSS property to change the background color of an element to Android 4292699864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 102, 216) }
```

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

```
.background{ background-color: rgb(221,  
102, 216) }
```

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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