

# Converting Colors

Android(4291467712)

Have a look what the booklet for  
Android(4291467712) contains.

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# **Color**

**Android(4291467712)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA99C0
RGB	202, 153, 192
RGB Percent	79%, 60%, 75%
CMY	0.2078, 0.4000, 0.2471
CMYK	0.00, 0.24, 0.05, 0.21
HSL	312°, 32%, 70%
HSV	312°, 24%, 79%
XYZ	45.2628, 39.1448, 55.0393
YIQ	172.0970, 16.6850, 22.5170

# Conversions

## Conversions Part 2

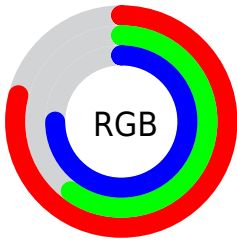
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 153, 192
Decimal	13277632
CIE <sub>Lab</sub>	68.86, 24.70, -13.02
CIE <sub>LCh</sub>	69, 27.916, 332.210
Yxy	39.1448, 0.3246, 0.2807
Android (android.graphics.Color)	4291467712 (0xFFCA99C0)
<b>YUV</b>	172.0970, 9.8122, 26.2249
Hunter-Lab	62.5658, 19.6444, -8.3615

# Details

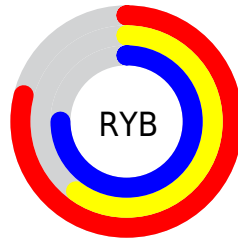
The Android color `4291467712` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `4288268963`, and the grayscale version is `4289506476`.

A 20% lighter version of the original color is `4294955256`, and `4287849866` is the 20% darker color. If you saturate the color by 10%, you get `4291462588`, and if you desaturate by 10%, it is `4291472836`.

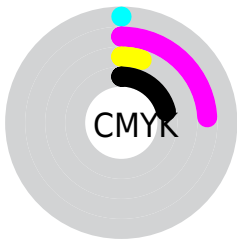
# Distribution



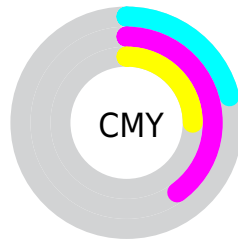
- Red (79%)
- Green (60%)
- Blue (75%)



- Red (79%)
- Yellow (60%)
- Blue (75%)



- Cyan (0%)
- Magenta (24%)
- Yellow (5%)
- Black (21%)



- Cyan (21%)
- Magenta (40%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291467712 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 4291467712 by changing the saturation by 10% instead.





4291467712



4291467712

4294967295



4289626021



4294955256



4287849866



4294962431



4286139761



4284495448



4282851137



4281337899



4280025111



4278190080



4291467712



4291467712

 4291462588

 4291472836

 4291457464

 4291477960

 4291452084


 4291483340

 4291446960

 4291488464

 4291441835

 4291493589

 4291436711

 4291493849

 4291431587

 4291493853

 4291428513

 4291493857

 4291493861

# Harmonies

## Analogous

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



4289634771



4291467712



4292449703

# Triad

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



4291467712



4290291573



4284069314

# Complementary

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



4291467712



4288268963

# 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.



4284855977



4291467712



4288524157

# Square

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



4291467712



4291731068



4286624912



4285116884

# Rectangle

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



4291467712



4292581014



4286624912



4284200634



# Sweetspot

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



4291467712



4294962683



4288911818



4286608765



4278190080



4286611584



# Same Dimension

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



4291467712



4294948336



4291467688



4284898404



4289069188



4280680478



# Inverse Universe

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



4291467712



4294948336



4288268987



4284898404



4289069188

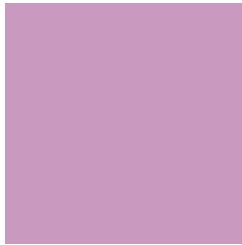


4280680478



# Previews

## White Background



This preview shows how the Android color 4291467712 looks on a white background.

## Color Contrast Check

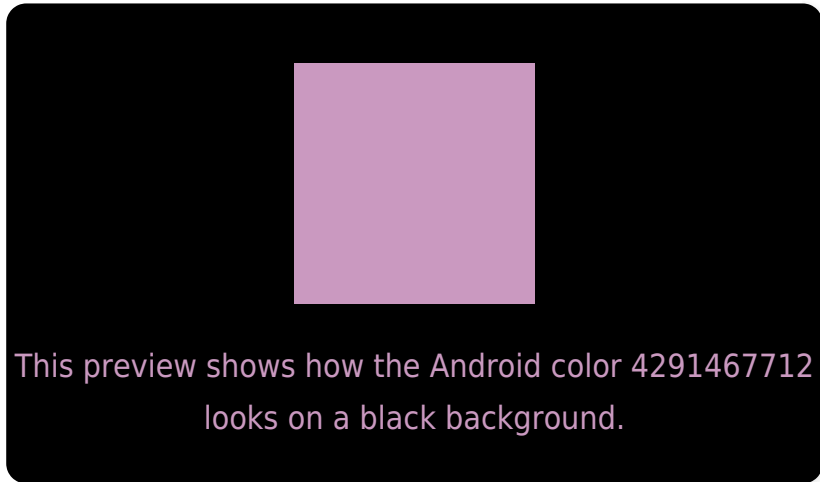
Large Text (above 18pt) WCAG AA × Fail

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

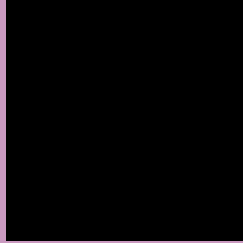
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291467712 Background



This preview shows how black text looks on a background with the Android color 4291467712.



This preview shows how white text looks on a background with the Android color 4291467712.

# 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**  
4291467712

**Protanopia**  
4288784329

**Deuteranopia**  
4289635518



**Tritanopia**  
4291272105

# Trichromacy



**Original Color**  
4291467712

**Protanomaly**  
4289766086

**Deuteranomaly**  
4290289855

**Tritanomaly**  
4291337393

# Monochromacy



**Original Color**  
4291467712

**Achromatopsia**  
4289506476

**Achromatomaly**  
4290225587

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291467712 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(202, 153, 192)` looks like.

```
.text, #text, p{  
    color:rgb(202, 153, 192)  
}
```

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(202, 153, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 153, 192) }
```

## Border

The CSS property to change the border of an element to Android 4291467712 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(202, 153, 192) }
```

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

```
.border{ border-color:rgb(202, 153, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 153, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 153, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 153, 192);  
box-shadow:4px 4px 4px 4px rgb(202, 153,  
192) }
```

# Background

The CSS property to change the background color of an element to Android 4291467712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 153, 192) }
```

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

```
.background{ background-color: rgb(202,  
153, 192) }
```

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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