

# Converting Colors

Android(4291732429)

Have a look what the booklet for  
Android(4291732429) contains.

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# **Color**

**Android(4291732429)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEA3CD
RGB	206, 163, 205
RGB Percent	81%, 64%, 80%
CMY	0.1922, 0.3608, 0.1961
CMYK	0.00, 0.21, 0.00, 0.19
HSL	301°, 30%, 72%
HSV	301°, 21%, 81%
XYZ	49.5702, 43.7240, 63.5845
YIQ	180.6450, 12.1460, 22.1780

# Conversions

## Conversions Part 2

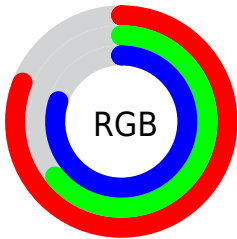
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	206, 163, 205
Decimal	13542349
CIE Lab	72.04, 22.97, -15.37
CIE LCh	72, 27.638, 326.209
Yxy	43.7240, 0.3160, 0.2787
Android (android.graphics.Color)	4291732429 (0xFFCEA3CD)
YUV	180.6450, 12.0070, 22.2363
Hunter-Lab	66.1241, 18.0961, -10.7260

# Details

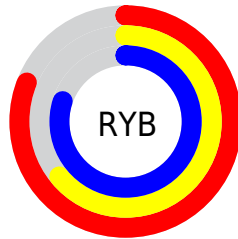
The Android color `4291732429` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `4288925348`, and the grayscale version is `4290098613`.

A 20% lighter version of the original color is `4294957823`, and `4288114583` is the 20% darker color. If you saturate the color by 10%, you get `4291727053`, and if you desaturate by 10%, it is `4291737805`.

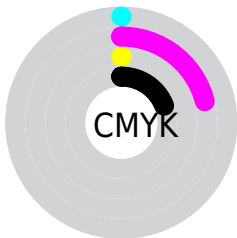
# Distribution



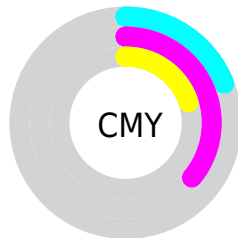
- Red (81%)
- Green (64%)
- Blue (80%)



- Red (81%)
- Yellow (64%)
- Blue (80%)



- Cyan (0%)
- Magenta (21%)
- Yellow (0%)
- Black (19%)




- Cyan (19%)
- Magenta (36%)
- Yellow (20%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291732429 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 4291732429 by changing the saturation by 10% instead.



 4291732429

 4291732429

4294967295

 4289890737

 4294957823

 4288114583

 4294965247

 4286404221

 4284759652


 4283115596

 4281602613

 4280352800


 4278190084

 4278190080

 4291732429


 4291732429

 4291727053

 4291737805

 4291721932


 4291742926

 4291716556


 4291748302


 4291711435


 4291753423


 4291706059


 4291755983

 4291700682

 4291755984

 4291695562

 4291755985

 4291690697

# Harmonies

## Analogous

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



4289768414



4291732429



4292910773

# Triad

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



4291732429



4291210878



4284792518

# Complementary

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



4291732429



4288925348

# 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.



4285775788



4291732429



4289443459

# Square

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



4291732429



4292519304



4287544468



4285447130

# Rectangle

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



4291732429



4293172900



4287544468



4284989374



# Sweetspot

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



4291732429



4294963455



4288979918



4286609279



4278190080



4286611584



# Same Dimension

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



4291732429



4294950910



4291732408



4284898406



4289069218



4280680485



# Inverse Universe

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



4291732429



4294950910



4288925369



4284898406



4289069218

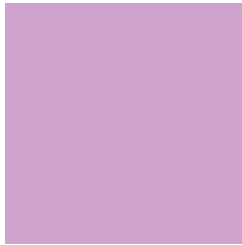


4280680485



# Previews

## White Background



This preview shows how the Android color 4291732429 looks on a white background.

## Color Contrast Check

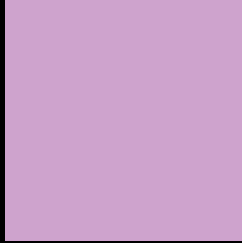
Large Text (above 18pt) WCAG AA × Fail

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 4291732429 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 4291732429 Background



This preview shows how black text looks on a background with the Android color 4291732429.



This preview shows how white text looks on a background with the Android color 4291732429.

# 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**  
4291732429

**Protanopia**  
4289310677

**Deuteranopia**  
4290096331



**Tritanopia**  
4291536820

# Trichromacy



**Original Color**  
4291732429

**Protanomaly**  
4290161618

**Deuteranomaly**  
4290685388

**Tritanomaly**  
4291602109

# Monochromacy



**Original Color**  
4291732429

**Achromatopsia**  
4290098613

**Achromatomaly**  
4290686654

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291732429 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(206, 163, 205)` looks like.

```
.text, #text, p{  
    color:rgb(206, 163, 205)  
}
```

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(206, 163, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 163, 205) }
```

## Border

The CSS property to change the border of an element to Android 4291732429 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(206, 163, 205) }
```

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

```
.border{ border-color:rgb(206, 163, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 163, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 163, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 163, 205);  
box-shadow:4px 4px 4px 4px rgb(206, 163,  
205) }
```

# Background

The CSS property to change the background color of an element to Android 4291732429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 163, 205) }
```

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

```
.background{ background-color: rgb(206,  
163, 205) }
```

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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