

# Converting Colors

Android(4291732201)

Have a look what the booklet for  
Android(4291732201) contains.

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# Color

**Android(4291732201)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CEA2E9
RGB	206, 162, 233
RGB Percent	81%, 64%, 91%
CMY	0.1922, 0.3647, 0.0863
CMYK	0.12, 0.30, 0.00, 0.09
HSL	277°, 62%, 77%
HSV	277°, 30%, 91%
XYZ	53.0819, 44.8457, 82.9492
YIQ	183.2500, 3.4330, 31.4090

# Conversions

## Conversions Part 2

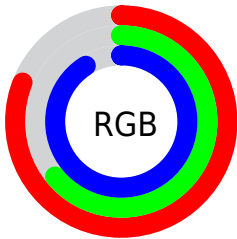
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	206, 162, 233
Decimal	13542121
CIE <sub>Lab</sub>	72.79, 29.04, -29.58
CIE <sub>LCh</sub>	73, 41.448, 314.476
Y <sub>xy</sub>	44.8457, 0.2935, 0.2479
Android (android.graphics.Color)	4291732201 (0xFFCEA2E9)
YUV	183.2500, 24.5267, 19.9518
Hunter-Lab	66.9669, 24.2975, -26.5633

# Details

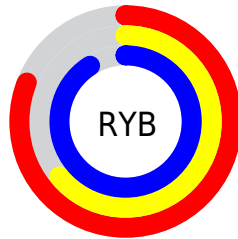
The Android color `4291732201` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `4290636194`, and the grayscale version is `4290230199`.

A 20% lighter version of the original color is `4294957567`, and `4288114353` is the 20% darker color. If you saturate the color by 10%, you get `4291136489`, and if you desaturate by 10%, it is `4292327913`.

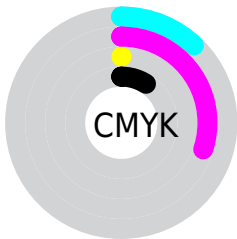
# Distribution



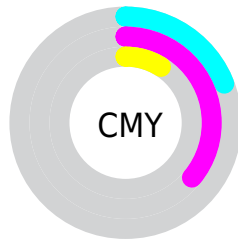
- Red (81%)
- Green (64%)
- Blue (91%)



- Red (81%)
- Yellow (64%)
- Blue (91%)



- Cyan (12%)
- Magenta (30%)
- Yellow (0%)
- Black (9%)



- Cyan (19%)
- Magenta (36%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291732201 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 4291732201 by changing the saturation by 10% instead.



 4291732201

 4291732201

4294967295

 4289890509

 4294957567

 4288114353

 4294964991

 4286338454

 4284693884


 4283049571

 4281405515


 4280025140

 4278190622

 4278190080

 4291732201

 4291732201

 4291136489

 4292327913

 4290540521

 4292923881

 4289944809

 4293519593

 4289414633

 4294049769

 4288818665

 4294639593

 4288222953

 4294967273

 4287627497

# Harmonies

## Analogous

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



4288262396



4291732201



4293957576

# Triad

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



4291732201



4292651626



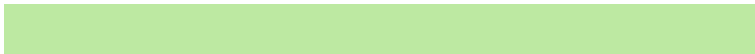
4279289796

# Complementary

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



4291732201



4290636194

# 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.



4284335517



4291732201



4290360936

# Square

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



4291732201



4294221183



4287611003



4278240487

# Rectangle

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



4291732201



4294677934



4287611003



4281518007



# Sweetspot

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



4291732201



4294371583



4288855529



4286214528



4278190080



4286611584



# Same Dimension

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



4291732201



4292583935



4293501665



4285622901



4285530293



4280352822



# Inverse Universe

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



4293501629



4294943173



4288866730



4285885038



4290052165

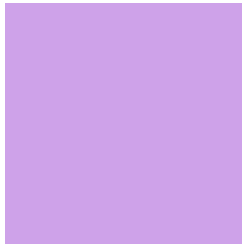


4281729044



# Previews

## White Background



This preview shows how the Android color 4291732201 looks on a white background.

## Color Contrast Check

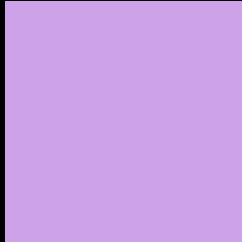
Large Text (above 18pt) WCAG AA × Fail

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 4291732201 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

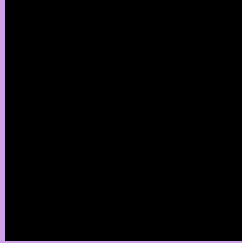
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291732201 Background



This preview shows how black text looks on a background with the Android color 4291732201.



This preview shows how white text looks on a background with the Android color 4291732201.

# 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





**Tritanopia**  
4291210169

# Trichromacy



**Original Color**  
4291732201



**Protanomaly**  
4289768432



**Deuteranomaly**  
4290161639



**Tritanomaly**  
4291406026

# Monochromacy



**Original Color**  
4291732201



**Achromatopsia**  
4290230199



**Achromatomaly**  
4290752457

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291732201 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, 162, 233)` looks like.

```
.text, #text, p{  
    color:rgb(206, 162, 233)  
}
```

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, 162, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 162, 233) }
```

## Border

The CSS property to change the border of an element to Android 4291732201 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, 162, 233) }
```

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

```
.border{ border-color:rgb(206, 162, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 162, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 162, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 162, 233);  
box-shadow:4px 4px 4px 4px rgb(206, 162,  
233) }
```

# Background

The CSS property to change the background color of an element to Android 4291732201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 162, 233) }
```

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

```
.background{ background-color: rgb(206,  
162, 233) }
```

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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