

# Converting Colors

Android(4291013325)

Have a look what the booklet for  
Android(4291013325) contains.

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# **Color**

**Android(4291013325)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3AACD
RGB	195, 170, 205
RGB Percent	76%, 67%, 80%
CMY	0.2353, 0.3333, 0.1961
CMYK	0.05, 0.17, 0.00, 0.20
HSL	283°, 26%, 74%
HSV	283°, 17%, 80%
XYZ	47.8998, 44.7593, 63.8724
YIQ	181.4650, 3.6650, 16.1850

# Conversions

## Conversions Part 2

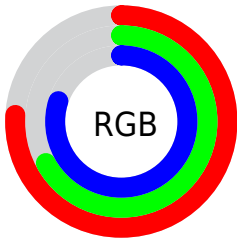
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 170, 205
Decimal	12823245
CIELab	72.73, 15.42, -14.43
CIELCh	73, 21.125, 316.899
Yxy	44.7593, 0.3060, 0.2859
Android (android.graphics.Color)	4291013325 (0xFFC3AACD)
YUV	181.4650, 11.6028, 11.8702
Hunter-Lab	66.9024, 10.7207, -9.7731

# Details

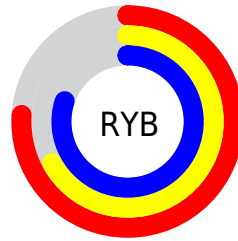
The Android color `4291013325` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `4290039210`, and the grayscale version is `4290098613`.

A 20% lighter version of the original color is `4294763007`, and `4287461015` is the 20% darker color. If you saturate the color by 10%, you get `4290614989`, and if you desaturate by 10%, it is `4291411917`.

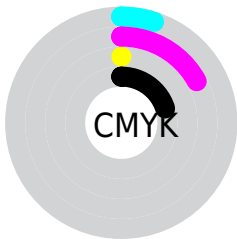
# Distribution



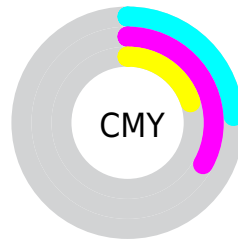
- Red (76%)
- Green (67%)
- Blue (80%)



- Red (76%)
- Yellow (67%)
- Blue (80%)



- Cyan (5%)
- Magenta (17%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (33%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291013325 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 4291013325 by changing the saturation by 10% instead.





4291013325



4291013325

4294967295



4289236914



4294763007



4287461015

4294967039



4285750653



4284171620



4282593100



4281080373



4279828512



4278190085



4278190080

 4291013325

 4291013325

 4290614989

 4291411917

 4290216397

 4291810253

 4289818061

 4292208845

 4289485005

 4292541645

 4289086669

 4292935629

 4288688077

 4293328845

 4288289741

 4293722061

 4287891149

 4294115277

 4287758541

 4294508493

# Harmonies

## Analogous

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



4289442007



4291013325



4292126396

# Triad

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



4291013325



4291407501



4286496445

# Complementary

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



4291013325



4290039210

# 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.



4287348137



4291013325



4290164109

# Square

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



4291013325



4292257943



4288723608



4286626766

# Rectangle

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



4291013325



4292519343



4288723608



4286693046



# Sweetspot

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



4291013325



4294701823



4289377485



4286412928



4278190080



4286611584



# Same Dimension

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



4291013325



4293971199



4291668678



4284701798



4285923494



4279959590



# Inverse Universe

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



4291668660



4294954203



4289383857



4284898399



4289069103

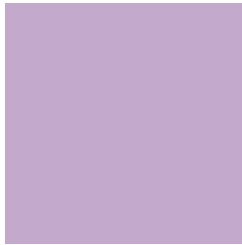


4280680459



# Previews

## White Background



This preview shows how the Android color 4291013325 looks on a white background.

## Color Contrast Check

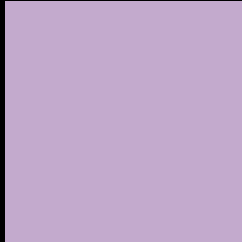
Large Text (above 18pt) WCAG AA × Fail

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 4291013325 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

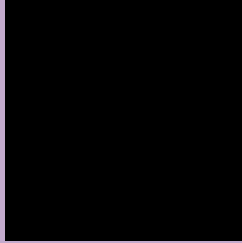
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291013325 Background



This preview shows how black text looks on a background with the Android color 4291013325.



This preview shows how white text looks on a background with the Android color 4291013325.

# 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**  
4291013325

**Protanopia**  
4289507794

**Deuteranopia**  
4290293452



**Tritanopia**  
4290817467

# Trichromacy



**Original Color**  
4291013325

**Protanomaly**  
4290031312

**Deuteranomaly**  
429055340

**Tritanomaly**  
4290882754

# Monochromacy



**Original Color**  
4291013325

**Achromatopsia**  
4290098613

**Achromatomaly**  
4290425278

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291013325 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(195, 170, 205)` looks like.

```
.text, #text, p{  
    color:rgb(195, 170, 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(195, 170, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 170, 205) }
```

## Border

The CSS property to change the border of an element to Android 4291013325 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(195, 170, 205) }
```

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

```
.border{ border-color:rgb(195, 170, 205) }
```

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

Here you see how a box with a 4 pixel rgb(195, 170, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 170, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 170, 205);  
box-shadow:4px 4px 4px 4px rgb(195, 170,  
205) }
```

# Background

The CSS property to change the background color of an element to Android 4291013325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 170, 205) }
```

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

```
.background{ background-color: rgb(195,  
170, 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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