

# Converting Colors

Android(4291401947)

Have a look what the booklet for  
Android(4291401947) contains.

<b>Android(4291401947)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4291401947)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C998DB
RGB	201, 152, 219
RGB Percent	79%, 60%, 86%
CMY	0.2118, 0.4039, 0.1412
CMYK	0.08, 0.31, 0.00, 0.14
HSL	284°, 48%, 73%
HSV	284°, 31%, 86%
XYZ	48.1018, 39.9885, 72.2011
YIQ	174.2890, 7.6970, 31.2250

# Conversions

## Conversions Part 2

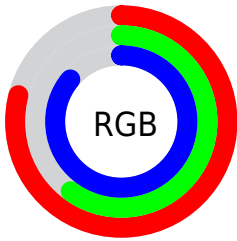
Format	Color
<a href="#">RYB</a>	<a href="#">201, 152, 219</a>
Decimal	<a href="#">13211867</a>
CIELab	<a href="#">69.46, 30.09, -27.06</a>
CIELCh	<a href="#">69, 40.463, 318.034</a>
Yxy	<a href="#">39.9885, 0.3001, 0.2495</a>
Android (android.graphics.Color)	<a href="#">4291401947 (0xFFC998DB)</a>
YUV	<a href="#">174.2890, 22.0425, 23.4255</a>
Hunter-Lab	<a href="#">63.2364, 25.1152, -23.4297</a>

# Details

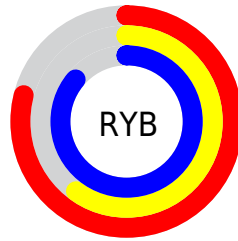
The Android color `4291401947` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `4289387416`, and the grayscale version is `4289638062`.

A 20% lighter version of the original color is `4294955007`, and `4287784100` is the 20% darker color. If you saturate the color by 10%, you get `4291003099`, and if you desaturate by 10%, it is `4291800795`.

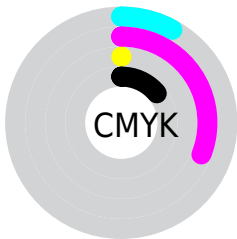
# Distribution



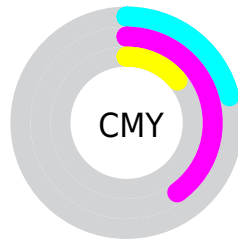
- Red (79%)
- Green (60%)
- Blue (86%)



- Red (79%)
- Yellow (60%)
- Blue (86%)



- Cyan (8%)
- Magenta (31%)
- Yellow (0%)
- Black (14%)



- Cyan (21%)
- Magenta (40%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291401947 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 4291401947 by changing the saturation by 10% instead.



 4291401947

 4291401947

4294967295

 4289560255

 4294955007

 4287784100

 4294962175

 4286073993

 4284363888

 4282785111

 4281206335

 4280025130

 4278190355

 4278190080

 4291401947

 4291401947

 4291003099

 4291800795

 4290604251

 4292199643

 4290205403

 4292598491

 4289806555

 4292997339

 4289473243

 4293328859

 4289074651

 4293722075

 4288676059

 4294115291

 4294508507

 4294901723

# Harmonies

## Analogous

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



4288128751



4291401947



4293365434

# Triad

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



4291401947



4291732066



4278238655

# Complementary

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



4291401947



4289387416

# 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.



4283415705



4291401947



4289441378

# Square

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



4291401947



4293367413



4286691191



4278237919

# Rectangle

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



4291401947



4293954721



4286691191



4280335795



# Sweetspot

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



4291401947



4294568191



4288195547



4286345600



4278190080



4286611584



# Same Dimension

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



4291401947



4293304831



4292581580



4285227886



4286513325



4280418350



# Inverse Universe

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



4292581546



4294943162



4288207783



4285424486



4289527855

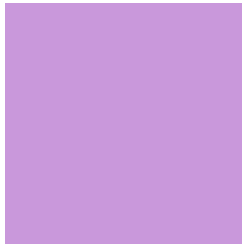


4281204748



# Previews

## White Background



This preview shows how the Android color 4291401947 looks on a white background.

## Color Contrast Check

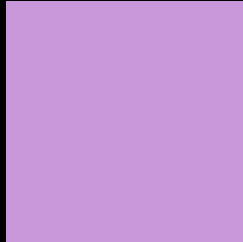
Large Text (above 18pt) WCAG AA × Fail

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 4291401947 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 4291401947 Background



This preview shows how black text looks on a background with the Android color 4291401947.



This preview shows how white text looks on a background with the Android color 4291401947.

# 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**  
4290945453

# Trichromacy



**Original Color**  
4291401947

**Protanomaly**  
4289372899

**Deuteranomaly**  
4289766105

**Tritanomaly**  
4291141310

# Monochromacy



**Original Color**  
4291401947

**Achromatopsia**  
4289638062

**Achromatomaly**  
4290291390

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291401947 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(201, 152, 219)` looks like.

```
.text, #text, p{  
    color:rgb(201, 152, 219)  
}
```

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(201, 152, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 152, 219) }
```

## Border

The CSS property to change the border of an element to Android 4291401947 is called "border". The border property can be set on classes, ids or directly on the HTML element.

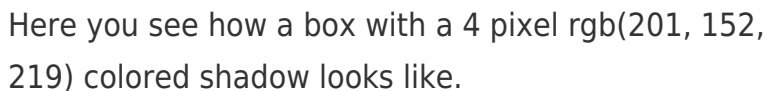
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 152, 219) }
```

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

```
.border{ border-color:rgb(201, 152, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(201, 152, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 152, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 152, 219); box-shadow:4px 4px 4px 4px rgb(201, 152, 219) }
```

# Background

The CSS property to change the background color of an element to Android 4291401947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 152, 219) }
```

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

```
.background{ background-color: rgb(201,  
152, 219) }
```

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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