

# Converting Colors

Android(4291013874)

Have a look what the booklet for  
Android(4291013874) contains.

<b>Android(4291013874)</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(4291013874)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C3ACF2
RGB	195, 172, 242
RGB Percent	76%, 67%, 95%
CMY	0.2353, 0.3255, 0.0510
CMYK	0.19, 0.29, 0.00, 0.05
HSL	260°, 73%, 81%
HSV	260°, 29%, 95%
XYZ	53.2852, 47.5180, 90.3678
YIQ	186.8570, -8.7620, 26.6460

# Conversions

## Conversions Part 2

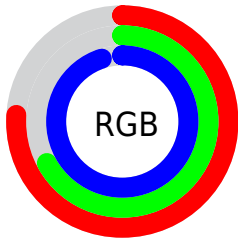
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 172, 242
Decimal	12823794
CIE <sub>Lab</sub>	74.52, 22.11, -31.88
CIE <sub>LCh</sub>	75, 38.799, 304.738
Yxy	47.5180, 0.2787, 0.2486
Android (android.graphics.Color)	4291013874 (0xFFC3ACF2)
YUV	186.8570, 27.1855, 7.1414
Hunter-Lab	68.9333, 17.3468, -29.4727

# Details

The Android color `4291013874` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `4292604588`, and the grayscale version is `4290493371`.

A 20% lighter version of the original color is `4294763519`, and `4287396026` is the 20% darker color. If you saturate the color by 10%, you get `4289959154`, and if you desaturate by 10%, it is `4292068594`.

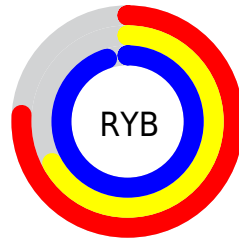
# Distribution



Red (76%)

Green (67%)

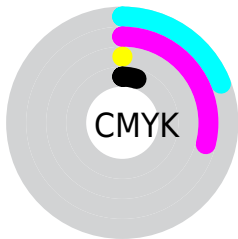
Blue (95%)



Red (76%)

Yellow (67%)

Blue (95%)

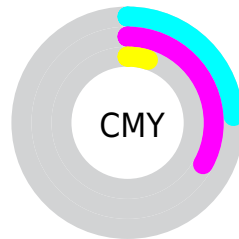


Cyan (19%)

Magenta (29%)

Yellow (0%)

Black (5%)



Cyan (24%)

Magenta (33%)


Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291013874 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 4291013874 by changing the saturation by 10% instead.



 4291013874

 4291013874

4294967295

 4289171925

 4294763519

 4287396026

 4285685663

 4284041092

 4282396779

 4280752978

 4279174203

 4278190628

 4278190092

 4291013874

 4291013874

 4289959154

 4292068594

 4288904434

 4293123314

 4287783922

 4294243826

 4286729202

 4294967282

 4285674482

 4284619762

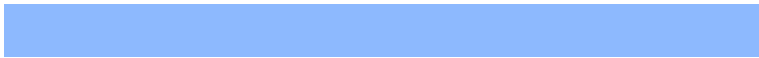
 4283499506

 4283433202

# Harmonies

## Analogous

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



4287478270



4291013874



4293501142

# Triad

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



4291013874



4293438328



4282960828

# Complementary

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



4291013874



4292604588

# 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.



4286105752



4291013874



4291475311

# Square

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



4291013874



4294615184



4288921979



4280732127

# Rectangle

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



4291013874



4294483135



4288921979



4284074672



# Sweetspot

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



4291013874



4293978367



4289518834



4285952384



4278190080



4286611584



# Same Dimension

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



4291013874



4291012351



4293242098



4285557880



4282122424



4279369784



# Inverse Universe

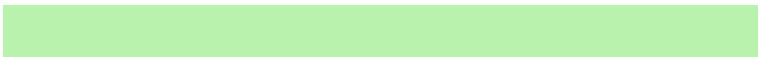
The Inverse Universe completely reimagines the original color for something new.



4294094043



4294944482



4290376364



4286082164



4290248827

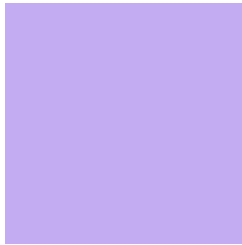


4281860134



# Previews

## White Background



This preview shows how the Android color 4291013874 looks on a white background.

## Color Contrast Check

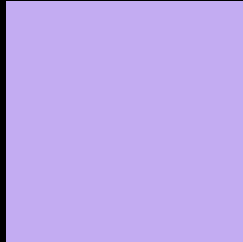
Large Text (above 18pt) WCAG AA × Fail

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 4291013874 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 4291013874 Background



This preview shows how black text looks on a background with the Android color 4291013874.



This preview shows how white text looks on a background with the Android color 4291013874.

# 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**  
4291013874

**Protanopia**  
4288984569

**Deuteranopia**  
4289377520



**Tritanopia**  
4290491843

# Trichromacy



**Original Color**  
4291013874

**Protanomaly**  
4289704694

**Deuteranomaly**  
4289966577

**Tritanomaly**  
4290687700

# Monochromacy



**Original Color**  
4291013874

**Achromatopsia**  
4290493371

**Achromatomaly**  
4290688719

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291013874 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, 172, 242)` looks like.

```
.text, #text, p{  
    color:rgb(195, 172, 242)  
}
```

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, 172, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 172, 242) }
```

## Border

The CSS property to change the border of an element to Android 4291013874 is called "border". The border property can be set on classes, ids or directly on the HTML element.

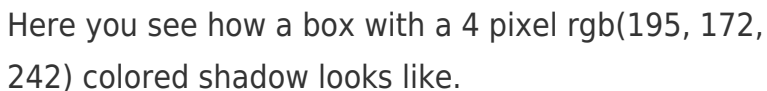
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 172, 242) }
```

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

```
.border{ border-color:rgb(195, 172, 242) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 172, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 172, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 172, 242); box-shadow:4px 4px 4px 4px rgb(195, 172, 242) }
```

# Background

The CSS property to change the background color of an element to Android 4291013874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 172, 242) }
```

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

```
.background{ background-color: rgb(195,  
172, 242) }
```

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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