

# Converting Colors

Android(4291013374)

Have a look what the booklet for  
Android(4291013374) contains.

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# **Color**

**Android(4291013374)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3AAFE
RGB	195, 170, 254
RGB Percent	76%, 67%, 100%
CMY	0.2353, 0.3333, 0.0039
CMYK	0.23, 0.33, 0.00, 0.00
HSL	258°, 98%, 83%
HSV	258°, 33%, 100%
XYZ	54.7698, 47.5073, 100.0491
YIQ	187.0510, -12.0640, 31.4240

# Conversions

## Conversions Part 2

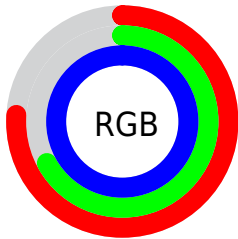
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	195, 170, 254
Decimal	12823294
CIE Lab	74.51, 25.93, -38.38
CIE LCh	75, 46.320, 304.045
Yxy	47.5073, 0.2707, 0.2348
Android (android.graphics.Color)	4291013374 (0xFFC3AAFE)
YUV	187.0510, 33.0059, 6.9713
Hunter-Lab	68.9255, 21.2204, -37.8147

# Details

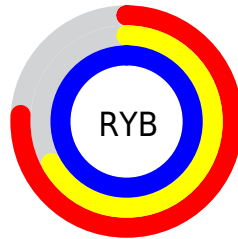
The Android color `4291013374` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4293263018`, and the grayscale version is `4290493371`.

A 20% lighter version of the original color is `4294828543`, and `4287395525` is the 20% darker color. If you saturate the color by 10%, you get `4289827326`, and if you desaturate by 10%, it is `4292199422`.

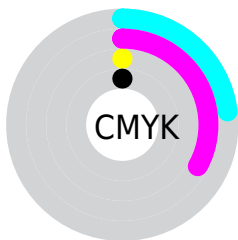
# Distribution



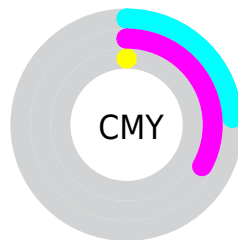
- Red (76%)
- Green (67%)
- Blue (100%)



- Red (76%)
- Yellow (67%)
- Blue (100%)



- Cyan (23%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)




- Cyan (24%)
- Magenta (33%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291013374 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 4291013374 by changing the saturation by 10% instead.



 4291013374

 4291013374

4294967295

 4289171425

 4294828543

 4287395525

4294967039

 4285619625

 4283909519

 4282199669

 4280490332

 4278583876

 4278190637

 4278190359

■ 4291013374

■ 4291013374

■ 4289827326

■ 4292199422

■ 4288641022

■ 4293385726

■ 4287454974

■ 4294571774

■ 4286334206

4294967294

■ 4285148158

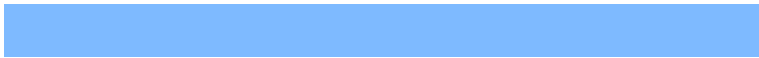
■ 4283962110

■ 4283171070

# Harmonies

## Analogous

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



4286495487



4291013374



4294024157

# Triad

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



4291013374



4293961835



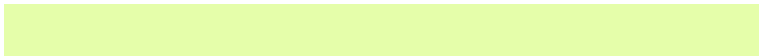
4278243004

# Complementary

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



4291013374



4293263018

# 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.



4285188753



4291013374



4291606369

# Square

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



4291013374



4294941322



4288725871



4278242534

# Rectangle

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



4291013374



4294940354



4288725871



4281847213



# Sweetspot

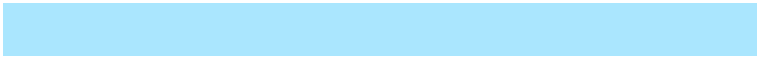
The Sweet Spot groups the original color and five complimentary colors.



4291013374



4293781247



4289390334



4285886592



4278190080



4286611584



# Same Dimension

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



4291013374



4290222591



4293700350



4286018432



4281925823



4279435328



# Inverse Universe

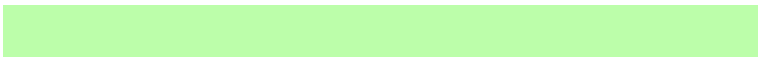
The Inverse Universe completely reimagines the original color for something new.



4294879973



4294941153



4290576042



4286608252



4290707590

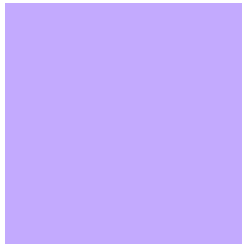


4282384429



# Previews

## White Background



This preview shows how the Android color 4291013374 looks on a white background.

## Color Contrast Check

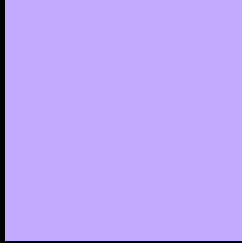
Large Text (above 18pt) WCAG AA × Fail

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 4291013374 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 4291013374 Background



This preview shows how black text looks on a background with the Android color 4291013374.



This preview shows how white text looks on a background with the Android color 4291013374.

# 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





# Trichromacy



**Original Color**

4291013374



**Protanomaly**

4289573375



**Deuteranomaly**

4289638909



**Tritanomaly**

4290556633

# Monochromacy



**Original Color**

4291013374



**Achromatopsia**

4290493371



**Achromatomaly**

4290688467

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291013374 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(195, 170, 254)  
}
```

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, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 170, 254) }
```

## Border

The CSS property to change the border of an element to Android 4291013374 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, 254) }
```

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

```
.border{ border-color:rgb(195, 170, 254) }
```

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, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 170, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 170, 254);  
box-shadow:4px 4px 4px 4px rgb(195, 170,  
254) }
```

# Background

The CSS property to change the background color of an element to Android 4291013374 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, 254) }
```

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

```
.background{ background-color: rgb(195,  
170, 254) }
```

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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