

# Converting Colors

Android(4291794431)

Have a look what the booklet for  
Android(4291794431) contains.

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# **Color**

**Android(4291794431)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CF95FF
RGB	207, 149, 255
RGB Percent	81%, 58%, 100%
CMY	0.1882, 0.4157, 0.0000
CMYK	0.19, 0.42, 0.00, 0.00
HSL	273°, 100%, 79%
HSV	273°, 42%, 100%
XYZ	54.5296, 41.9803, 99.8367
YIQ	178.4260, 0.5420, 45.2620

# Conversions

## Conversions Part 2

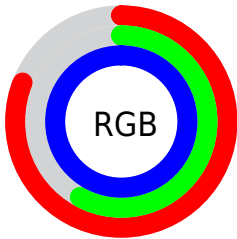
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 149, 255
Decimal	13604351
CIE <sub>Lab</sub>	70.86, 41.08, -44.55
CIE <sub>LCh</sub>	71, 60.597, 312.682
Yxy	41.9803, 0.2777, 0.2138
Android (android.graphics.Color)	4291794431 (0xFFCF95FF)
YUV	178.4260, 37.7510, 25.0594
Hunter-Lab	64.7922, 36.8405, -46.0040

# Details

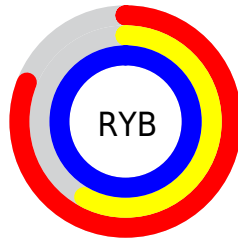
The Android color `4291794431` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4291166101`, and the grayscale version is `4289901234`.

A 20% lighter version of the original color is `4294954239`, and `4288111046` is the 20% darker color. If you saturate the color by 10%, you get `4291001599`, and if you desaturate by 10%, it is `4292587519`.

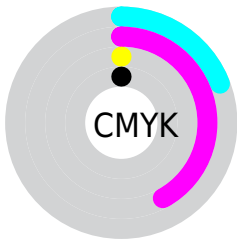
# Distribution



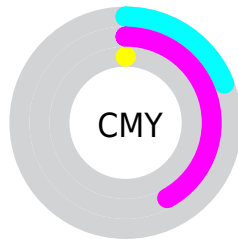
- Red (81%)
- Green (58%)
- Blue (100%)



- Red (81%)
- Yellow (58%)
- Blue (100%)



- Cyan (19%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)




- Cyan (19%)
- Magenta (42%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291794431 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 4291794431 by changing the saturation by 10% instead.



 4291794431

 4291794431

4294967295

 4289952738

 4294954239

 4288111046

 4294961407

 4286269610

 4284559247


 4282783605

 4281073756

 4279566404

 4278190637

 4278190359

 4291794431

 4291794431

 4291001599

 4292587519

 4290274047

 4293314815

 4289481215

 4294107903

 4288753663

 4294835199

 4287960831

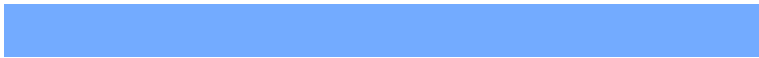
4294967295

 4287365375

# Harmonies

## Analogous

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



4285770751



4291794431



4294934992

# Triad

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



4291794431



4293304128



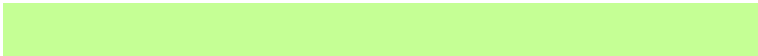
4278241732

# Complementary

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



4291794431



4291166101

# 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.



4278240907



4291794431



4290097721

# Square

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



4291794431



4294937189



4286103384



4278241015

# Rectangle

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



4291794431



4294933419



4286103384



4278241457



# Sweetspot

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



4291794431



4294041855



4288005887



4286017152



4278190080



4286611584



# Same Dimension

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



4291794431



4291133695



4294940155



4286215040



4285071551



4280483904



# Inverse Universe

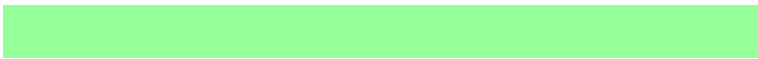
The Inverse Universe completely reimagines the original color for something new.



4294940101



4294934713



4288020377



4286608249



4290707543

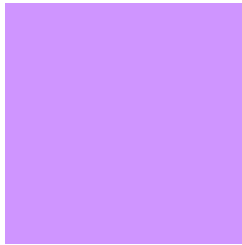


4282384413



# Previews

## White Background



This preview shows how the Android color 4291794431 looks on a white background.

## Color Contrast Check

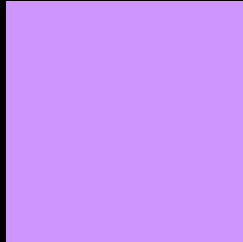
Large Text (above 18pt) WCAG AA × Fail

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 4291794431 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 4291794431 Background



This preview shows how black text looks on a background with the Android color 4291794431.




This preview shows how white text looks on a background with the Android color 4291794431.

# 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**  
4290946739

# Trichromacy



**Original Color**  
4291794431



**Protanomaly**  
4289242111



**Deuteranomaly**  
4289111292



**Tritanomaly**  
4291272911

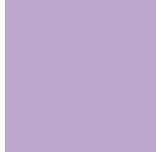
# Monochromacy



**Original Color**  
4291794431



**Achromatopsia**  
4289901234



**Achromatomaly**  
4290619342

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291794431 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(207, 149, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 149, 255)  
}
```

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(207, 149, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 149, 255) }
```

## Border

The CSS property to change the border of an element to Android 4291794431 is called "border". The border property can be set on classes, ids or directly on the HTML element.

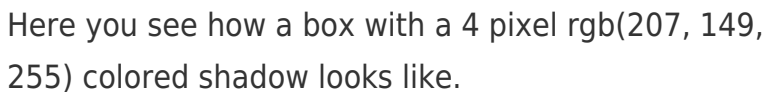
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 149, 255) }
```

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

```
.border{ border-color:rgb(207, 149, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 149, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 149, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 149, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 149,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4291794431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 149, 255) }
```

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

```
.background{ background-color: rgb(207,  
149, 255) }
```

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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