

# Converting Colors

Android(4291201279)

Have a look what the booklet for  
Android(4291201279) contains.

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# **Color**

**Android(4291201279)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C688FF
RGB	198, 136, 255
RGB Percent	78%, 53%, 100%
CMY	0.2235, 0.4667, 0.0000
CMYK	0.22, 0.47, 0.00, 0.00
HSL	271°, 100%, 77%
HSV	271°, 47%, 100%
XYZ	50.1429, 36.8341, 99.0746
YIQ	168.1040, -1.2470, 50.1530

# Conversions

## Conversions Part 2

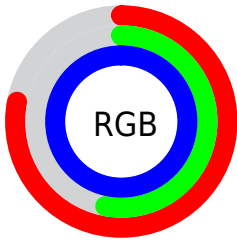
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 136, 255
Decimal	13011199
CIE <sub>Lab</sub>	67.15, 45.60, -50.44
CIE <sub>LCh</sub>	67, 67.993, 312.113
Yxy	36.8341, 0.2695, 0.1980
Android (android.graphics.Color)	4291201279 (0xFFC688FF)
YUV	168.1040, 42.8397, 26.2188
Hunter-Lab	60.6911, 41.2669, -54.3037

# Details

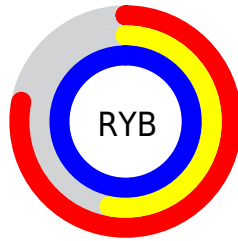
The Android color `4291201279` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4290903944`, and the grayscale version is `4289243304`.

A 20% lighter version of the original color is `4294950911`, and `4287517894` is the 20% darker color. If you saturate the color by 10%, you get `4290408447`, and if you desaturate by 10%, it is `4291994367`.

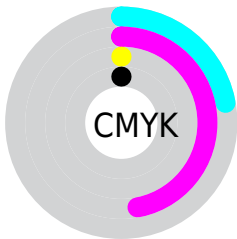
# Distribution



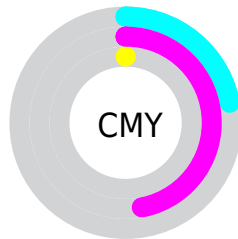
- Red (78%)
- Green (53%)
- Blue (100%)



- Red (78%)
- Yellow (53%)
- Blue (100%)



- Cyan (22%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (47%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291201279 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 4291201279 by changing the saturation by 10% instead.



 4291201279

 4291201279

4294967295

 4289294050

 4294950911

 4287517894

 4294958079

 4285676458

 4294965503

 4283900559


 4282123637


 4280221787

 4278190147


 4278190892

 4278190358

 4291201279

 4291201279

 4290408447

 4291994367

 4289615359

 4292787199

 4288756991

 4293645823

 4287963903

 4294438655

 4287171071

4294967295

 4286906623

# Harmonies

## Analogous

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



4283540223



4291201279



4294930379

# Triad

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



4291201279



4292907812



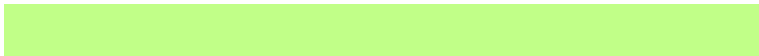
4278239419

# Complementary

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



4291201279



4290903944

# 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.



4278238844



4291201279



4289439765

# Square

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



4291201279



4294932820



4284921409



4278238964

# Rectangle

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



4291201279



4294928290



4284921409



4278239398



# Sweetspot

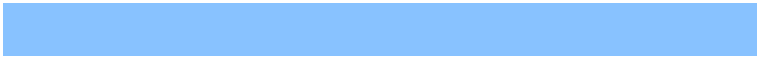
The Sweet Spot groups the original color and five complimentary colors.



4291201279



4293843967



4287152895



4285885056



4278190080



4286611584



# Same Dimension

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



4291201279



4290474239



4294936829



4286149504



4284743871



4280352832



# Inverse Universe

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



4294936769



4294930613



4287168394



4286608249



4290707548

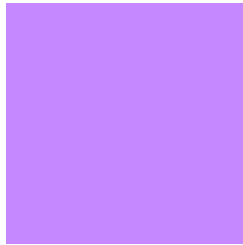


4282384415



# Previews

## White Background



This preview shows how the Android color 4291201279 looks on a white background.

## Color Contrast Check

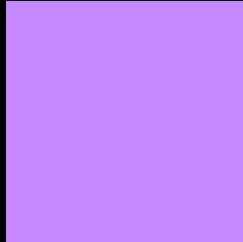
Large Text (above 18pt) WCAG AA × Fail

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 4291201279 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

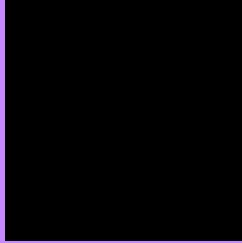
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291201279 Background



This preview shows how black text looks on a background with the Android color 4291201279.



This preview shows how white text looks on a background with the Android color 4291201279.

# 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**

4291201279



**Protanomaly**

4288256255



**Deuteranomaly**

4288059900



**Tritanomaly**

4290549192

# Monochromacy



**Original Color**

4291201279



**Achromatopsia**

4289243304



**Achromatomaly**

4289961160

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291201279 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(198, 136, 255)` looks like.

```
.text, #text, p{  
    color:rgb(198, 136, 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(198, 136, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 136, 255) }
```

## Border

The CSS property to change the border of an element to Android 4291201279 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(198, 136, 255) }
```

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

```
.border{ border-color:rgb(198, 136, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 136, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 136, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 136, 255);  
box-shadow:4px 4px 4px 4px rgb(198, 136,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4291201279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 136, 255) }
```

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

```
.background{ background-color: rgb(198,  
136, 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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