

Converting Colors

Android(4291459839)

Have a look what the booklet for
Android(4291459839) contains.

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Color

Android(4291459839)

Conversions

Conversions Part 1

Format	Color
Hex	CA7AFF
RGB	202, 122, 255
RGB Percent	79%, 48%, 100%
CMY	0.2078, 0.5216, 0.0000
CMYK	0.21, 0.52, 0.00, 0.00
HSL	276°, 100%, 74%
HSV	276°, 52%, 100%
XYZ	49.3667, 33.6956, 98.5097
YIQ	161.0820, 4.9870, 58.3230

Conversions

Conversions Part 2

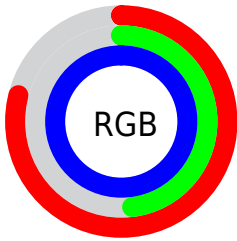
Format	Color
RYB	202, 122, 255
Decimal	13269759
CIELab	64.72, 53.98, -54.26
CIElCh	65, 76.542, 314.852
Yxy	33.6956, 0.2719, 0.1856
Android (android.graphics.Color)	4291459839 (0xFFCA7AFF)
YUV	161.0820, 46.3016, 35.8851
Hunter-Lab	58.0479, 50.2208, -59.9840

Details

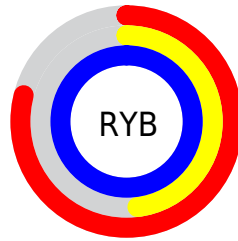
The Android color **4291459839** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **4289724282**, and the grayscale version is **4288782753**.

A 20% lighter version of the original color is **4294947327**, and **4287710662** is the 20% darker color. If you saturate the color by 10%, you get **4290798079**, and if you desaturate by 10%, it is **4292121855**.

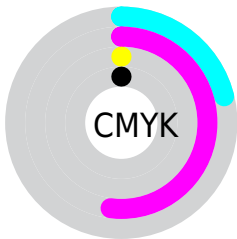
Distribution



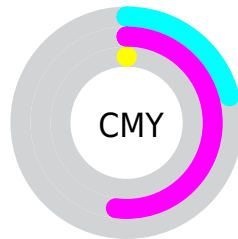
- Red (79%)
- Green (48%)
- Blue (100%)



- Red (79%)
- Yellow (48%)
- Blue (100%)



- Cyan (21%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (52%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291459839 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 4291459839 by changing the saturation by 10% instead.

 4291459839

 4291459839

4294967295

 4289552354

 4294947327

 4287710662

 4294954495

 4285868714

 4294961919

 4284025487

 4282187893

 4280352859

 4278190147

 4278190891

 4278190358

■ 4291459839

■ 4291459839

■ 4290798079

■ 4292121855

■ 4290136063

■ 4292783615

■ 4289474303

■ 4293445631

■ 4288746751

■ 4294172927

■ 4288217343

■ 4294834943

4294967295

Harmonies

Analogous

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



4282292991



4291459839



4294924995

Triad

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



4291459839



4292447488



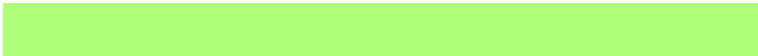
4278238398

Complementary

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



4291459839



4289724282

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.



4278237815



4291459839



4288521216

Square

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



4291459839



4294929982



4283020080



4278237693

Rectangle

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



4291459839



4294922645



4283020080



4278238375

Sweetspot

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



4291459839



4293908223



4286230527



4285949824



4278190080



4286611584

Same Dimension

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



4291459839



4290731775



4294933234



4286215040



4285726911



4280680512

Inverse Universe

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



4294933167



4294925982



4286250887



4286608248



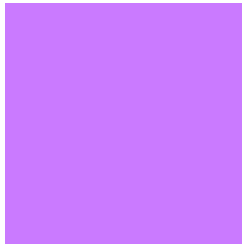
4290707532



4282384409

Previews

White Background



This preview shows how the Android color 4291459839 looks on a white background.

Color Contrast Check

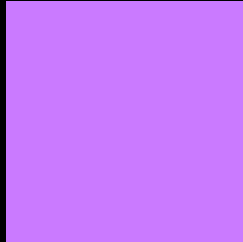
Large Text (above 18pt) WCAG AA × Fail

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 4291459839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

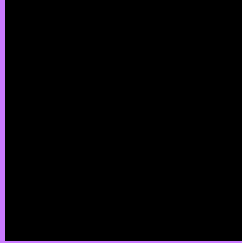
Any Text WCAG AA ✓ Pass

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 4291459839 Background



This preview shows how black text looks on a background with the Android color 4291459839.



This preview shows how white text looks on a background with the Android color 4291459839.

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
4290417310

Trichromacy



Original Color
4291459839



Protanomaly
4287860479



Deuteranomaly
4287533307



Tritanomaly
4290808257

Monochromacy



Original Color
4291459839



Achromatopsia
4288782753



Achromatomaly
4289762243

CSS Examples

Text

The CSS property to change the color of the text to Android 4291459839 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(202, 122, 255)` looks like.

```
.text, #text, p{  
    color:rgb(202, 122, 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(202, 122, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 122, 255) }
```

Border

The CSS property to change the border of an element to Android 4291459839 is called "border". The border property can be set on classes, ids or directly on the HTML element.

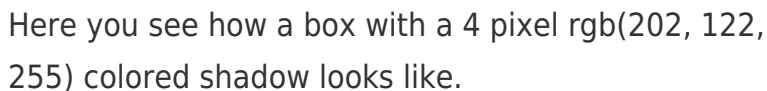
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(202, 122, 255) }
```

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

```
.border{ border-color:rgb(202, 122, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(202, 122, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 122, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 122, 255); box-shadow:4px 4px 4px 4px rgb(202, 122, 255) }
```

Background

The CSS property to change the background color of an element to Android 4291459839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 122, 255) }
```

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

```
.background{ background-color: rgb(202,  
122, 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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