

Converting Colors

Android(4291719935)

Have a look what the booklet for
Android(4291719935) contains.

Android(4291719935)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4291719935)

Conversions

Conversions Part 1

Format	Color
Hex	CE72FF
RGB	206, 114, 255
RGB Percent	81%, 45%, 100%
CMY	0.1922, 0.5529, 0.0000
CMYK	0.19, 0.55, 0.00, 0.00
HSL	279°, 100%, 72%
HSV	279°, 55%, 100%
XYZ	49.5209, 32.3764, 98.2470
YIQ	157.5820, 9.5710, 63.3550

Conversions

Conversions Part 2

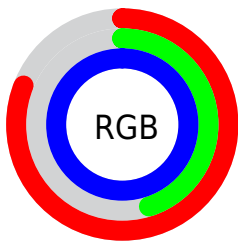
Format	Color
R _Y B	206, 114, 255
Decimal	13529855
CIE Lab	63.65, 59.00, -55.93
CIE LCh	64, 81.300, 316.531
Yxy	32.3764, 0.2749, 0.1797
Android (android.graphics.Color)	4291719935 (0xFFCE72FF)
YUV	157.5820, 48.0271, 42.4626
Hunter-Lab	56.9003, 55.7749, -62.5430

Details

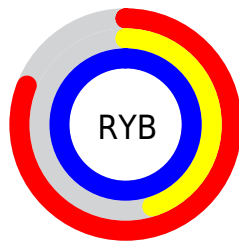
The Android color **4291719935** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **4288937842**, and the grayscale version is **4288519581**.

A 20% lighter version of the original color is **4294945279**, and **4287904966** is the 20% darker color. If you saturate the color by 10%, you get **4291123711**, and if you desaturate by 10%, it is **4292316415**.

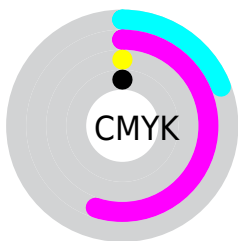
Distribution



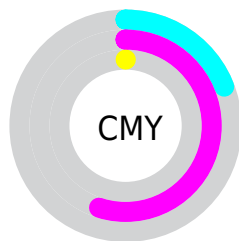
- Red (81%)
- Green (45%)
- Blue (100%)



- Red (81%)
- Yellow (45%)
- Blue (100%)



- Cyan (19%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)





- Cyan (19%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291719935 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 4291719935 by changing the saturation by 10% instead.

 4291719935

 4291719935

4294967295

 4289812450

 4294945279

 4287904966

 4294952447

 4286062250

 4294959871

 4284219535

 4282384500

 4280549467

 4278190147

 4278190891

 4278190358

■ 4291719935

■ 4291719935

■ 4291123711

■ 4292316415

■ 4290527231

■ 4292912639

■ 4289930751

■ 4293509119

■ 4289400063

■ 4294039807

■ 4289069311

■ 4294636287

4294967295

Harmonies

Analogous

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



4281832959



4291719935



4294921662

Triad

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



4291719935



4292119296



4278237889

Complementary

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



4291719935



4288937842

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.



4278237302



4291719935



4287931136

Square

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



4291719935



4294928688



4281512232



4278237183

Rectangle

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



4291719935



4294919310



4281512232



4278237865

Sweetspot

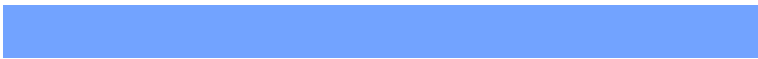
The Sweet Spot groups the original color and five complimentary colors.



4291719935



4293973247



4285703167



4286015104



4278190080



4286611584

Same Dimension

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



4291719935



4291123199



4294931178



4286280576



4286382271



4280942656

Inverse Universe

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



4294931107



4294924177



4285726599



4286608247



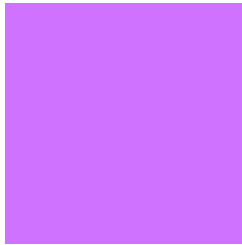
4290707522



4282384406

Previews

White Background



This preview shows how the Android color 4291719935 looks on a white background.

Color Contrast Check

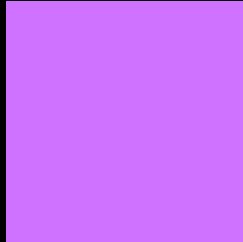
Large Text (above 18pt) WCAG AA × Fail

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 4291719935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

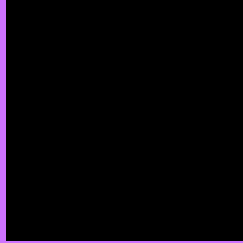
Any Text WCAG AA ✓ Pass

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 4291719935 Background



This preview shows how black text looks on a background with the Android color 4291719935.




This preview shows how white text looks on a background with the Android color 4291719935.

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
4290678168

Trichromacy



Original Color
4291719935



Protanomaly
4287793919



Deuteranomaly
4287335674



Tritanomaly
4291068861

Monochromacy



Original Color
4291719935



Achromatopsia
4288585374



Achromatomaly
4289695425

CSS Examples

Text

The CSS property to change the color of the text to Android 4291719935 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(206, 114, 255)` looks like.

```
.text, #text, p{  
    color:rgb(206, 114, 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(206, 114, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 114, 255) }
```

Border

The CSS property to change the border of an element to Android 4291719935 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(206, 114, 255) }
```

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

```
.border{ border-color:rgb(206, 114, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 114, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 114, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 114, 255);  
box-shadow:4px 4px 4px 4px rgb(206, 114,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4291719935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 114, 255) }
```

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

```
.background{ background-color: rgb(206,  
114, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor