

Converting Colors

Android(4291203583)

Have a look what the booklet for
Android(4291203583) contains.

Android(4291203583)	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(4291203583)

Conversions

Conversions Part 1

Format	Color
Hex	C691FF
RGB	198, 145, 255
RGB Percent	78%, 57%, 100%
CMY	0.2235, 0.4314, 0.0000
CMYK	0.22, 0.43, 0.00, 0.00
HSL	269°, 100%, 78%
HSV	269°, 43%, 100%
XYZ	51.4641, 39.4766, 99.5150
YIQ	173.3870, -3.7220, 45.4460

Conversions

Conversions Part 2

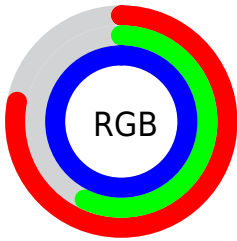
Format	Color
RYB	198, 145, 255
Decimal	13013503
CIELab	69.10, 40.74, -47.38
CIELCh	69, 62.484, 310.693
Yxy	39.4766, 0.2702, 0.2073
Android (android.graphics.Color)	4291203583 (0xFFC691FF)
YUV	173.3870, 40.2352, 21.5856
Hunter-Lab	62.8304, 36.2554, -49.9263

Details

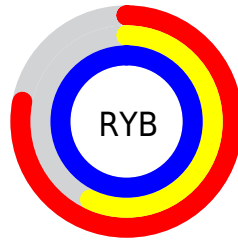
The Android color `4291203583` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4291493777`, and the grayscale version is `4289572269`.

A 20% lighter version of the original color is `4294953215`, and `4287520198` is the 20% darker color. If you saturate the color by 10%, you get `4290345215`, and if you desaturate by 10%, it is `4292062207`.

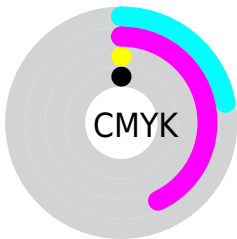
Distribution



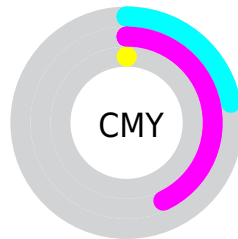
- Red (78%)
- Green (57%)
- Blue (100%)



- Red (78%)
- Yellow (57%)
- Blue (100%)



- Cyan (22%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)





- Cyan (22%)
- Magenta (43%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291203583 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 4291203583 by changing the saturation by 10% instead.

 4291203583

 4291203583

4294967295

 4289361890

 4294953215

 4287520198

 4294960383

 4285744298

 4283968655


 4282193013

 4280352860

 4278714436

 4278190892

 4278190359

 4291203583

 4291203583

 4290345215

 4292062207

 4289486591

 4292920575

 4288562431

 4293844735

 4287704063

 4294703103

 4286845439

4294967295

 4286251263

Harmonies

Analogous

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



4284524799



4291203583



4294736847

Triad

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



4291203583



4293236793



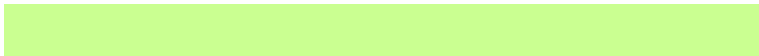
4278240444

Complementary

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



4291203583



4291493777

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.



4278239873



4291203583



4290030638

Square

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



4291203583



4294935137



4285971021



4278239985

Rectangle

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



4291203583



4294931626



4285971021



4278240424

Sweetspot

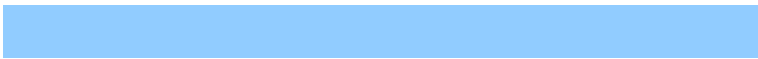
The Sweet Spot groups the original color and five complimentary colors.



4291203583



4293844735



4287745279



4285885312



4278190080



4286611584

Same Dimension

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



4291203583



4290411263



4294676991



4286149504



4284219583



4280221760

Inverse Universe

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



4294939082



4294933183



4288020369



4286608249



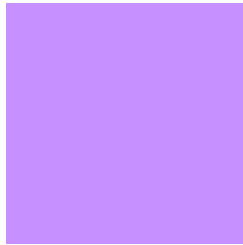
4290707555



4282384417

Previews

White Background



This preview shows how the Android color 4291203583 looks on a white background.

Color Contrast Check

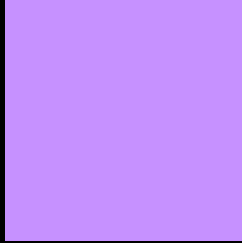
Large Text (above 18pt) WCAG AA × Fail

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 4291203583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

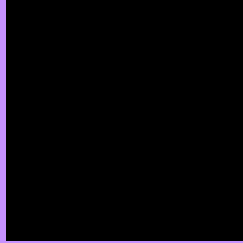
Any Text WCAG AA ✓ Pass

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 4291203583 Background



This preview shows how black text looks on a background with the Android color 4291203583.



This preview shows how white text looks on a background with the Android color 4291203583.

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
4291203583

Protanomaly
4288651007

Deuteranomaly
4288520444

Tritanomaly
4290616524

Monochromacy



Original Color
4291203583

Achromatopsia
4289572269

Achromatomaly
4290159563

CSS Examples

Text

The CSS property to change the color of the text to Android 4291203583 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, 145, 255)` looks like.

```
.text, #text, p{  
    color:rgb(198, 145, 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, 145, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 145, 255) }
```

Border

The CSS property to change the border of an element to Android 4291203583 is called "border". The border property can be set on classes, ids or directly on the HTML element.

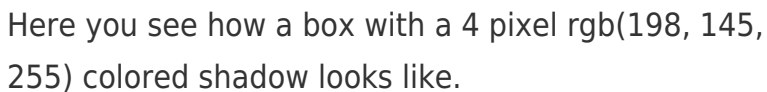
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 145, 255) }
```

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

```
.border{ border-color:rgb(198, 145, 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, 145, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 145, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 145, 255); box-shadow:4px 4px 4px 4px rgb(198, 145, 255) }
```

Background

The CSS property to change the background color of an element to Android 4291203583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 145, 255) }
```

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

```
.background{ background-color: rgb(198,  
145, 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