

Converting Colors

Android(4291441102)

Have a look what the booklet for
Android(4291441102) contains.

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Color

Android(4291441102)

Conversions

Conversions Part 1

Format	Color
Hex	CA31CE
RGB	202, 49, 206
RGB Percent	79%, 19%, 81%
CMY	0.2078, 0.8078, 0.1922
CMYK	0.02, 0.76, 0.00, 0.19
HSL	298°, 62%, 50%
HSV	298°, 76%, 81%
XYZ	36.5960, 19.2094, 60.1715
YIQ	112.6450, 40.7910, 81.2630

Conversions

Conversions Part 2

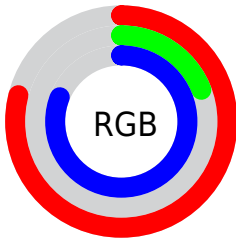
Format	Color
RYB	202, 49, 206
Decimal	13251022
CIELab	50.93, 75.25, -48.73
CIElCh	51, 89.650, 327.077
Yxy	19.2094, 0.3155, 0.1656
Android (android.graphics.Color)	4291441102 (0xFFCA31CE)
YUV	112.6450, 46.0240, 78.3643
Hunter-Lab	43.8285, 72.3442, -50.7183

Details

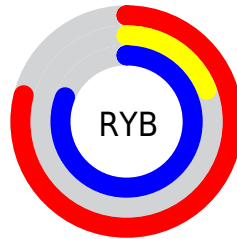
The Android color `4291441102` is a light color, and the websafe version is hex `CC33CC`. The color can be described as light muted magenta. A complement of this color would be `4281716273`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4294930687`, and `4287627415` is the 20% darker color. If you saturate the color by 10%, you get `4291370190`, and if you desaturate by 10%, it is `4291512014`.

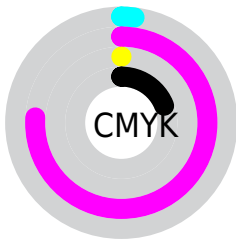
Distribution



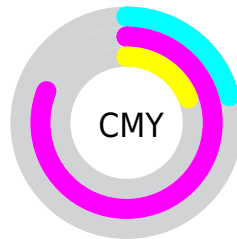
- Red (79%)
- Green (19%)
- Blue (81%)



- Red (79%)
- Yellow (19%)
- Blue (81%)



- Cyan (2%)
- Magenta (76%)
- Yellow (0%)
- Black (19%)




- Cyan (21%)
- Magenta (81%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291441102 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 4291441102 by changing the saturation by 10% instead.

 4291441102

 4291441102

4294967295

 4289527986

 4294930687

 4287627415

 4294938111

 4285726844

 4294945791

 4283891811

 4294953215

 4282187850

 4294960895

 4280221747

 4278190620

 4278190080

 4291441102

 4291441102

■ 4291370190

■ 4291512014

■ 4291365070

■ 4291517134

■ 4291363022

■ 4291588046

■ 4291593166

■ 4291664078

■ 4291669454

■ 4291740110

■ 4291745486

■ 4291816142

Harmonies

Analogous

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



4283459839



4291441102



4294312068

Triad

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



4291441102



4288312320



4278229182

Complementary

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



4291441102



4281716273

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.



4278228847



4291441102



4283336960

Square

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



4291441102



4291972864



4278227733



4278228219

Rectangle

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



4291441102



4294508626



4278227733



4278229157

Sweetspot

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



4291441102



4294886655



4281415374



4286536832



4278190080



4286611584

Same Dimension

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



4291441102



4294514687



4291703173



4284898406



4288807078



4280614950

Inverse Universe

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



4291703093



4294907677



4281454202



4284898396



4289069060



4280680449

Previews

White Background



This preview shows how the Android color 4291441102 looks on a white background.

Color Contrast Check

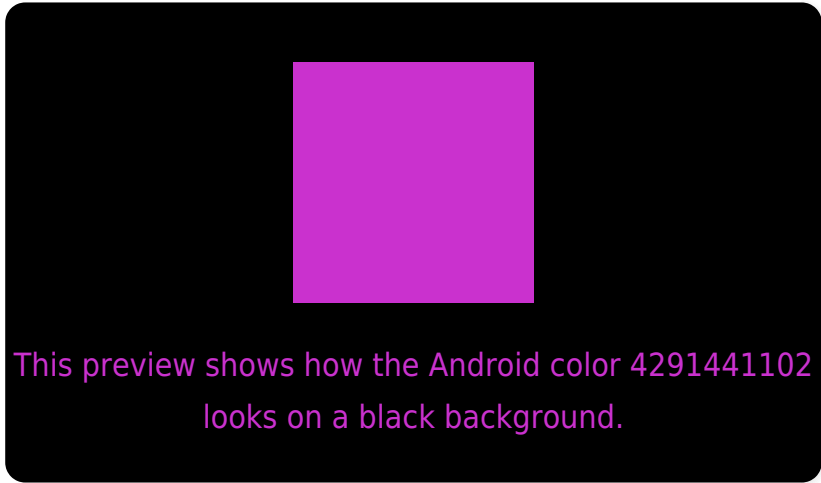
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

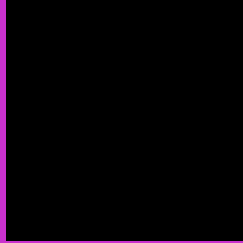
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Android 4291441102 Background



This preview shows how black text looks on a background with the Android color 4291441102.



This preview shows how white text looks on a background with the Android color 4291441102.

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
4291441102



Protanomaly
4282997993



Deuteranomaly
4286341063



Tritanomaly
4290923401

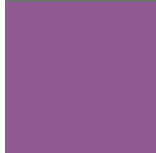
Monochromacy



Original Color
4291441102



Achromatopsia
4285624689



Achromatomaly
4287715987

CSS Examples

Text

The CSS property to change the color of the text to Android 4291441102 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, 49, 206)` looks like.

```
.text, #text, p{  
    color:rgb(202, 49, 206)  
}
```

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, 49, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 49, 206) }
```

Border

The CSS property to change the border of an element to Android 4291441102 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, 49, 206) }
```

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

```
.border{ border-color:rgb(202, 49, 206) }
```

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

Here you see how a box with a 4 pixel rgb(202, 49, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 49, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 49, 206);  
box-shadow:4px 4px 4px 4px rgb(202, 49,  
206) }
```

Background

The CSS property to change the background color of an element to Android 4291441102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 49, 206) }
```

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

```
.background{ background-color: rgb(202, 49,  
206) }
```

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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