

# Converting Colors

Android(4291231976)

Have a look what the booklet for  
Android(4291231976) contains.

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**Color**

**Android(4291231976)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | C700E8                     |
| RGB           | 199, 0, 232                |
| RGB Percent   | 78%, 0%, 91%               |
| CMY           | 0.2196, 1.0000, 0.0902     |
| CMYK          | 0.14, 1.00, 0.00, 0.09     |
| HSL           | 291°, 100%, 45%            |
| HSV           | 291°, 100%, 91%            |
| XYZ           | 38.1187, 17.9683, 77.8031  |
| YIQ           | 85.9490, 44.1320, 114.3400 |

# Conversions

## Conversions Part 2

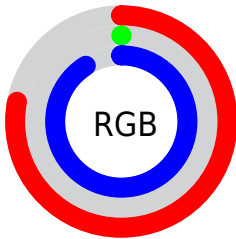
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 199, 0, 232                   |
| Decimal                             | 13041896                      |
| CIE <sub>Lab</sub>                  | 49.46, 86.58, -65.95          |
| CIE <sub>LCh</sub>                  | 49, 108.835, 322.705          |
| Yxy                                 | 17.9683, 0.2847,<br>0.1342    |
| Android<br>(android.graphics.Color) | 4291231976<br>(0xFFC700E8)    |
| YUV                                 | 85.9490, 72.0031,<br>99.1457  |
| Hunter-Lab                          | 42.3890, 86.3367,<br>-79.1517 |

# Details

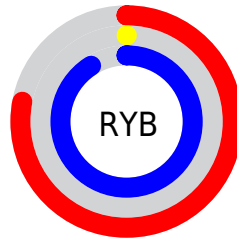
The Android color **4291231976** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed magenta. A complement of this color would be **4280412160**, and the grayscale version is **4283782485**.

A 20% lighter version of the original color is **4294926079**, and **4287299759** is the 20% darker color. If you saturate the color by 10%, you get **4291231976**, and if you desaturate by 10%, it is **4291434472**.

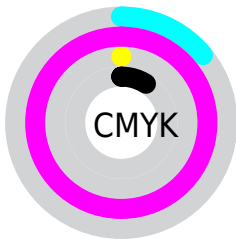
# Distribution



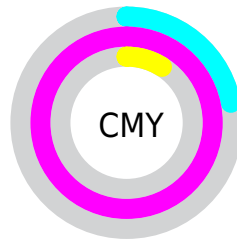
- Red (78%)
- Green (0%)
- Blue (91%)



- Red (78%)
- Yellow (0%)
- Blue (91%)



- Cyan (14%)
- Magenta (100%)
- Yellow (0%)
- Black (9%)




- Cyan (22%)
- Magenta (100%)
- Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291231976 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 4291231976 by changing the saturation by 10% instead.



 4291231976

 4291231976

4294967295

 4289265867

 4294926079

 4287299759


 4294934015

 4285399188

 4294941695

 4283433081

 4294949375

 4281598048

 4294957055

 4279042118

 4294964991


 4278191151


 4278190361

 4278190080

 4291231976

 4291434472

 4291702504

 4291905256

 4292107752

 4292310248

 4292578280

 4292780776

 4292983528

 4293251560

# Harmonies

## Analogous

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



4278217215



4291231976



4294901904

# Triad

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



4291231976



4288834304



4278229180

# Complementary

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



4291231976



4280412160

# 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.



4278228571



4291231976



4282942720

# Square

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



4291231976



4293012736



4278227200



4278228991

# Rectangle

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



4291231976



4294901844



4278227200



4278228892



# Sweetspot

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



4291231976



4294226943



4278199272



4286141056



4278190080



4286611584



# Same Dimension

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



4291231976



4292542719



4293394583



4285622131



4288217267



4281073715



# Inverse Universe

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



4293394465



4294901796



4278249553



4285753193



4289921049



4281532423



# Previews

## White Background



This preview shows how the Android color 4291231976 looks on a white background.

## Color Contrast Check

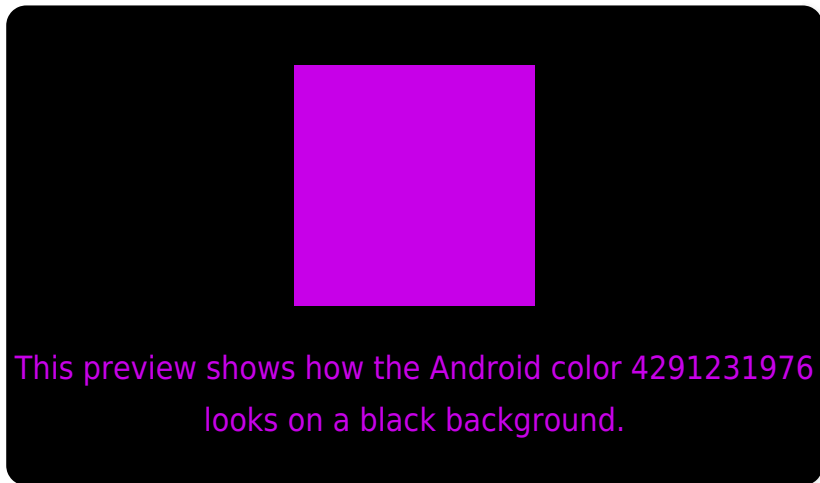
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

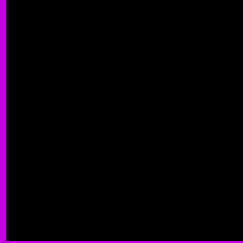
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4291231976 Background



This preview shows how black text looks on a background with the Android color 4291231976.



This preview shows how white text looks on a background with the Android color 4291231976.

# 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



**Original Color**  
4291231976

**Protanopia**  
4278219763

**Deuteranopia**  
4278221270



# Trichromacy



**Original Color**

4291231976



**Protanomaly**

4282927599



**Deuteranomaly**

4282928605



**Tritanomaly**

4290525842

# Monochromacy



**Original Color**

4291231976



**Achromatopsia**

4283848278



**Achromatomaly**

4286527371

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291231976 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(199, 0, 232)` looks like.

```
.text, #text, p{  
    color:rgb(199, 0, 232)  
}
```

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(199, 0, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 0, 232) }
```

## Border

The CSS property to change the border of an element to Android 4291231976 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(199, 0, 232) }
```

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

```
.border{ border-color:rgb(199, 0, 232) }
```

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

Here you see how a box with a 4 pixel rgb(199, 0, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 0, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 0, 232);  
box-shadow:4px 4px 4px 4px rgb(199, 0,  
232) }
```

# Background

The CSS property to change the background color of an element to Android 4291231976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 0, 232) }
```

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

```
.background{ background-color: rgb(199, 0,  
232) }
```

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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