

# Converting Colors

Android(4291049923)

Have a look what the booklet for  
Android(4291049923) contains.

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# **Color**

**Android(4291049923)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C439C3
RGB	196, 57, 195
RGB Percent	77%, 22%, 76%
CMY	0.2314, 0.7765, 0.2353
CMYK	0.00, 0.71, 0.01, 0.23
HSL	300°, 55%, 50%
HSV	300°, 71%, 77%
XYZ	34.0784, 18.6021, 53.4242
YIQ	114.2930, 38.5460, 72.3860

# Conversions

## Conversions Part 2

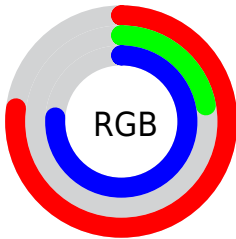
Format	Color
<a href="#">RYB</a>	<a href="#">196, 57, 195</a>
Decimal	<a href="#">12859843</a>
CIELab	<a href="#">50.22, 69.78, -43.58</a>
CIElCh	<a href="#">50, 82.272, 328.018</a>
Yxy	<a href="#">18.6021, 0.3212, 0.1753</a>
Android (android.graphics.Color)	<a href="#">4291049923 (0xFFC439C3)</a>
YUV	<a href="#">114.2930, 39.7886, 71.6570</a>
Hunter-Lab	<a href="#">43.1302, 65.5601, -43.2497</a>

# Details

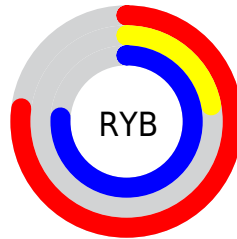
The Android color `4291049923` is a light color, and the websafe version is hex `CC33CC`. The color can be described as light muted magenta. A complement of this color would be `4281975866`, and the grayscale version is `4285690482`.

A 20% lighter version of the original color is `4294931964`, and `4287234189` is the 20% darker color. If you saturate the color by 10%, you get `4291044803`, and if you desaturate by 10%, it is `4291055043`.

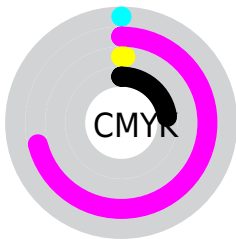
# Distribution



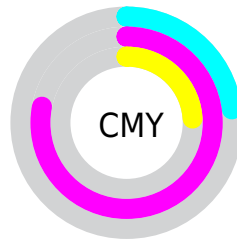
- Red (77%)
- Green (22%)
- Blue (76%)



- Red (77%)
- Yellow (22%)
- Blue (76%)



- Cyan (0%)
- Magenta (71%)
- Yellow (1%)
- Black (23%)




- Cyan (23%)
- Magenta (78%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291049923 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 4291049923 by changing the saturation by 10% instead.



 4291049923

 4291049923

4294967295

 4289138855

 4294931964

 4287234189

 4294939135

 4285399155

 4294946559

 4283564121

 4294953983


 4281991234

 4294961663

 4279959594

 4278190356

 4278190080

 4291049923

 4291049923

4291044803

4291055043

4291039939

4291059907

4291035331

4291065027

4291069892

4291075012

4291080132

4291084996

4291090116

4291094980

# Harmonies

## Analogous

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



4284311541



4291049923



4293591167

# Triad

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



4291049923



4288049920



4278228152

# Complementary

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



4291049923



4281975866

# 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.



4278228081



4291049923



4283467264

# Square

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



4291049923



4291384064



4278226979



4278227183

# Rectangle

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



4291049923



4293787729



4278226979



4278228385



# Sweetspot

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



4291049923



4294953471



4281940420



4286603391



4278190080



4286611584



# Same Dimension

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



4291049923



4294911741



4291049855



4284569441



4288741535



4280352801



# Inverse Universe

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



4291049923



4294911741



4281975935



4284569441



4288741535



4280352801



# Previews

## White Background



This preview shows how the Android color 4291049923 looks on a white background.

## Color Contrast Check

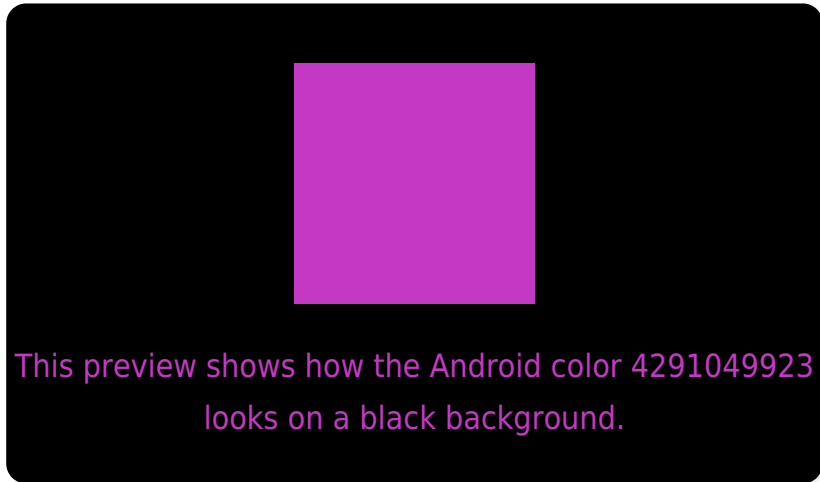
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291049923 Background



This preview shows how black text looks on a background with the Android color 4291049923.



This preview shows how white text looks on a background with the Android color 4291049923.

# 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**  
4291049923



**Protanomaly**  
4282867683



**Deuteranomaly**  
4286538173



**Tritanomaly**  
4290596485

# Monochromacy



**Original Color**  
4291049923



**Achromatopsia**  
4285690482



**Achromatomaly**  
4287651215

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291049923 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(196, 57, 195)` looks like.

```
.text, #text, p{  
    color:rgb(196, 57, 195)  
}
```

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(196, 57, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 57, 195) }
```

## Border

The CSS property to change the border of an element to Android 4291049923 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(196, 57, 195) }
```

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

```
.border{ border-color:rgb(196, 57, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 57, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 57, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 57, 195);  
box-shadow:4px 4px 4px 4px rgb(196, 57,  
195) }
```

# Background

The CSS property to change the background color of an element to Android 4291049923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 57, 195) }
```

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

```
.background{ background-color: rgb(196, 57,  
195) }
```

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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