

# Converting Colors

Android(4291901929)

Have a look what the booklet for  
Android(4291901929) contains.

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# **Color**

**Android(4291901929)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D139E9
RGB	209, 57, 233
RGB Percent	82%, 22%, 91%
CMY	0.1804, 0.7765, 0.0863
CMYK	0.10, 0.76, 0.00, 0.09
HSL	292°, 80%, 57%
HSV	292°, 76%, 91%
XYZ	42.4656, 22.3648, 79.1694
YIQ	122.5120, 34.0960, 86.9600

# Conversions

## Conversions Part 2

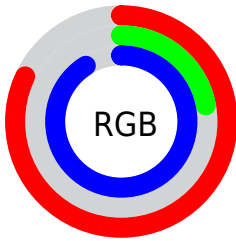
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	209, 57, 233
Decimal	13711849
CIE Lab	54.41, 78.74, -58.44
CIE LCh	54, 98.060, 323.416
Yxy	22.3648, 0.2949, 0.1553
Android (android.graphics.Color)	4291901929 (0xFFD139E9)
YUV	122.5120, 54.4706, 75.8500
Hunter-Lab	47.2914, 77.5253, -66.1521

# Details

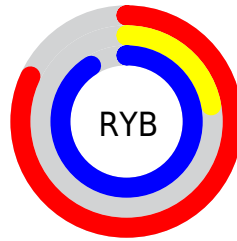
The Android color **4291901929** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **4283558201**, and the grayscale version is **4286216826**.

A 20% lighter version of the original color is **4294932735**, and **4288020656** is the 20% darker color. If you saturate the color by 10%, you get **4291699433**, and if you desaturate by 10%, it is **4292104425**.

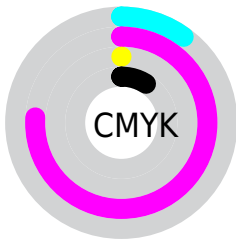
# Distribution



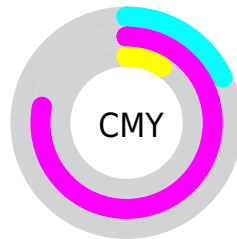
- Red (82%)
- Green (22%)
- Blue (91%)



- Red (82%)
- Yellow (22%)
- Blue (91%)



- Cyan (10%)
- Magenta (76%)
- Yellow (0%)
- Black (9%)



- Cyan (18%)
- Magenta (78%)
- Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291901929 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 4291901929 by changing the saturation by 10% instead.



 4291901929

 4291901929

4294967295

 4289922764

 4294932735

 4288020656

 4294940159

 4286120085

 4294947583

 4284219515

 4294955263

 4282384481

 4294962943

 4280418376

 4278190128

 4278190362

 4278190080

■ 4291901929

■ 4291901929

■ 4291699433

■ 4292104425

■ 4291496681

■ 4292307177

■ 4291363049

■ 4292575209

■ 4292777705

■ 4292980201

■ 4293182953

■ 4293385449

■ 4293587945

■ 4293853161

# Harmonies

## Analogous

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



4279203327



4291901929



4294901913

# Triad

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



4291901929



4289624320



4278232260

# Complementary

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



4291901929



4283558201

# 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.



4278231660



4291901929



4284387584

# Square

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



4291901929



4293544704



4278230272



4278231551

# Rectangle

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



4291901929



4294901857



4278230272



4278232232



# Sweetspot

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



4291901929



4294427903



4281947113



4286274688



4278190080



4286611584



# Same Dimension

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



4291901929



4292810751



4293474731



4285819509



4288413877



4281204790



# Inverse Universe

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



4293474641



4294907703



4281985399



4285885035



4290052121

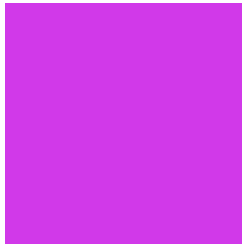


4281729031



# Previews

## White Background



This preview shows how the Android color 4291901929 looks on a white background.

## Color Contrast Check

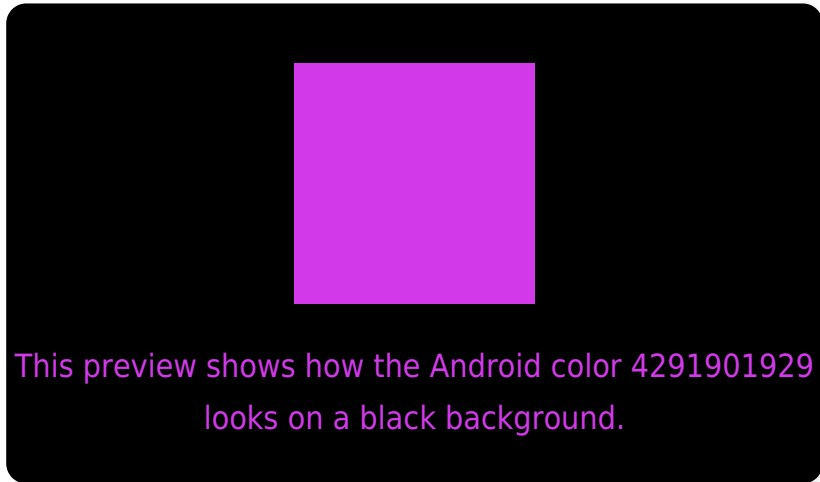
Large Text (above 18pt) WCAG AA ✓ Pass

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

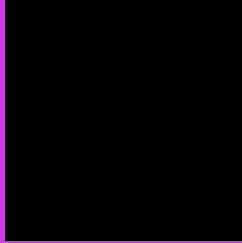
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4291901929 Background



This preview shows how black text looks on a background with the Android color 4291901929.



This preview shows how white text looks on a background with the Android color 4291901929.

# 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**

4291901929



**Protanomaly**

4285228535



**Deuteranomaly**

4285884897



**Tritanomaly**

4291253915

# Monochromacy



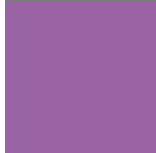
**Original Color**

4291901929



**Achromatopsia**

4286282619



**Achromatomaly**

4288308131

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291901929 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(209, 57, 233)` looks like.

```
.text, #text, p{  
    color:rgb(209, 57, 233)  
}
```

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(209, 57, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 57, 233) }
```

## Border

The CSS property to change the border of an element to Android 4291901929 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(209, 57, 233) }
```

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

```
.border{ border-color:rgb(209, 57, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 57, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 57, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 57, 233);  
box-shadow:4px 4px 4px 4px rgb(209, 57,  
233) }
```

# Background

The CSS property to change the background color of an element to Android 4291901929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 57, 233) }
```

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

```
.background{ background-color: rgb(209, 57,  
233) }
```

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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