

# Converting Colors

Android(4291821672)

Have a look what the booklet for  
Android(4291821672) contains.

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**Color**

**Android(4291821672)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D00068
RGB	208, 0, 104
RGB Percent	82%, 0%, 41%
CMY	0.1843, 1.0000, 0.5922
CMYK	0.00, 1.00, 0.50, 0.18
HSL	330°, 100%, 41%
HSV	330°, 100%, 82%
XYZ	28.5111, 14.4094, 14.3753
YIQ	74.0480, 90.5840, 76.4400

# Conversions

## Conversions Part 2

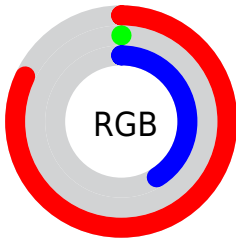
<b>Format</b>	<b>Color</b>
<b>RYB</b>	208, 0, 104
Decimal	13631592
CIELab	44.81, 72.57, 3.01
CIELCh	45, 72.636, 2.377
Yxy	14.4094, 0.4976, 0.2515
Android (android.graphics.Color)	4291821672 (0xFFD00068)
YUV	74.0480, 14.7663, 117.4759
Hunter-Lab	37.9597, 67.6400, 4.1187

# Details

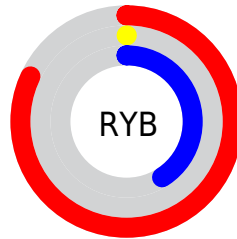
The Android color **4291821672** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **4278243432**, and the grayscale version is **4283058762**.

A 20% lighter version of the original color is **4294924699**, and **4287823929** is the 20% darker color. If you saturate the color by 10%, you get **4291821672**, and if you desaturate by 10%, it is **4291827058**.

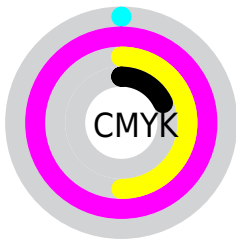
# Distribution



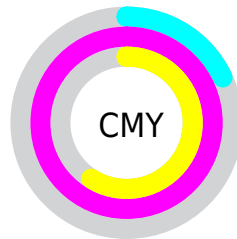
- Red (82%)
- Green (0%)
- Blue (41%)



- Red (82%)
- Yellow (0%)
- Blue (41%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (18%)



- Cyan (18%)
- Magenta (100%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291821672 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 4291821672 by changing the saturation by 10% instead.





4291821672



4291821672

4294967295



4289790032



4294924699



4287823929



4294932406



4285792292



4294940113



4283891727



4294947565



4281991170



4294955263



4279304192



4294962943



4278190080



4291821672



4291827058

 4291832445


 4291837575


 4291842962

 4291848348

 4291853734

 4291859121

 4291864251

 4291869638

# Harmonies

## Analogous

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



4289998755



4291821672



4291438893

# Triad

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



4291821672



4282218496



4278222550

# Complementary

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



4291821672



4278243432

# 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.



4278223786



4291821672



4278222893

# Square

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



4291821672



4286408960



4278223725



4278219237

# Rectangle

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



4291821672



4290266368



4278223725



4278223306



# Sweetspot

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



4291821672



4294947801



4285006032



4286599785



4278190080



4286611584



# Same Dimension

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



4291821672



4294901888



4291821568



4285095523



4289200212



4280877076



# Inverse Universe

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



4291821672



4294901888



4278243536



4285095523



4289200212



4280877076



# Previews

## White Background



This preview shows how the Android color 4291821672 looks on a white background.

## Color Contrast Check

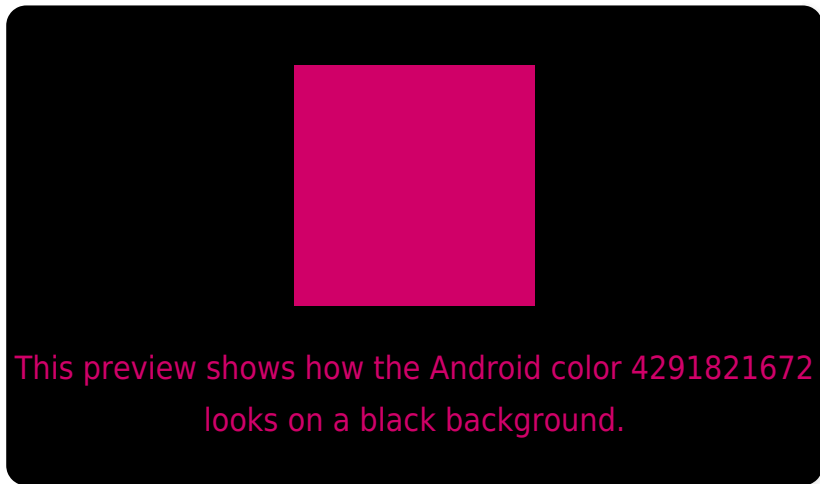
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4291821672 Background



This preview shows how black text looks on a background with the Android color 4291821672.



This preview shows how white text looks on a background with the Android color 4291821672.

# 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**  
4291821672



**Protanomaly**  
4287120517



**Deuteranomaly**  
4288299618

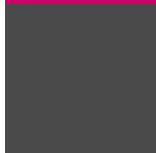


**Tritanomaly**  
4291697216

# Monochromacy



**Original Color**  
4291821672



**Achromatopsia**  
4283058762



**Achromatomaly**  
4286263125

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291821672 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(208, 0, 104)` looks like.

```
.text, #text, p{  
    color:rgb(208, 0, 104)  
}
```

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(208, 0, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 0, 104) }
```

## Border

The CSS property to change the border of an element to Android 4291821672 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(208, 0, 104) }
```

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

```
.border{ border-color:rgb(208, 0, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 0, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 0, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 0, 104);  
box-shadow:4px 4px 4px 4px rgb(208, 0,  
104) }
```

# Background

The CSS property to change the background color of an element to Android 4291821672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 0, 104) }
```

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

```
.background{ background-color: rgb(208, 0,  
104) }
```

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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