

# Converting Colors

Android(4291572668)

Have a look what the booklet for  
Android(4291572668) contains.

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**Color**

**Android(4291572668)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC33BC
RGB	204, 51, 188
RGB Percent	80%, 20%, 74%
CMY	0.2000, 0.8000, 0.2627
CMYK	0.00, 0.75, 0.08, 0.20
HSL	306°, 60%, 50%
HSV	306°, 75%, 80%
XYZ	35.1628, 18.8359, 49.3594
YIQ	112.3650, 47.2110, 75.0430

# Conversions

## Conversions Part 2

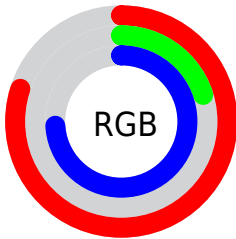
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 51, 188
Decimal	13382588
CIE <sub>Lab</sub>	50.49, 72.32, -38.99
CIE <sub>LCh</sub>	50, 82.164, 331.669
Yxy	18.8359, 0.3402, 0.1822
Android (android.graphics.Color)	4291572668 (0xFFCC33BC)
YUV	112.3650, 37.2881, 80.3639
Hunter-Lab	43.4003, 68.6695, -37.0506

# Details

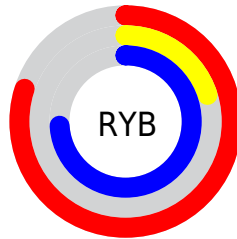
The Android color `4291572668` is a dark color, and the websafe version is hex `CC33CC`. The color can be described as middle muted rose. A complement of this color would be `4281584707`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4294930933`, and `4287758470` is the 20% darker color. If you saturate the color by 10%, you get `4291567546`, and if you desaturate by 10%, it is `4291577790`.

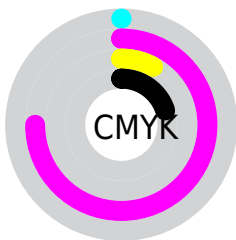
# Distribution



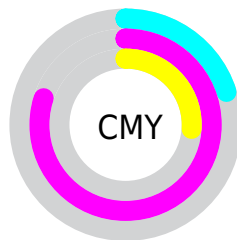
- Red (80%)
- Green (20%)
- Blue (74%)



- Red (80%)
- Yellow (20%)
- Blue (74%)



- Cyan (0%)
- Magenta (75%)
- Yellow (8%)
- Black (20%)




- Cyan (20%)
- Magenta (80%)
- Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291572668 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 4291572668 by changing the saturation by 10% instead.



 4291572668

 4291572668

4294967295

 4289659041

 4294930933

 4287758470

 4294938367

 4285857900

 4294945791

 4284022868

 4294953471


 4282384444


 4294960895

 4280418341

 4278190349

 4278190080

 4291572668

 4291572668

4291567546

4291577790

4291562168

4291583168

4291559607

4291588290

4291593669

4291598791

4291603913

4291609291

4291614413

4291619791

# Harmonies

## Analogous

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



4285686769



4291572668



4293722232

# Triad

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



4291572668



4287592192



4278228417

# Complementary

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



4291572668



4281584707

# 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.



4278228346



4291572668



4282746880

# Square

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



4291572668



4291123456



4278227247



4278227188

# Rectangle

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



4291572668



4293725770



4278227247



4278228394



# Sweetspot

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



4291572668



4294952185



4282528716



4286602364



4278190080



4286611584



# Same Dimension

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



4291572668



4294908391



4291572592



4284898405



4289069204



4280680482



# Inverse Universe

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



4291572668



4294908391



4281584783



4284898405



4289069204



4280680482



# Previews

## White Background



This preview shows how the Android color 4291572668 looks on a white background.

## Color Contrast Check

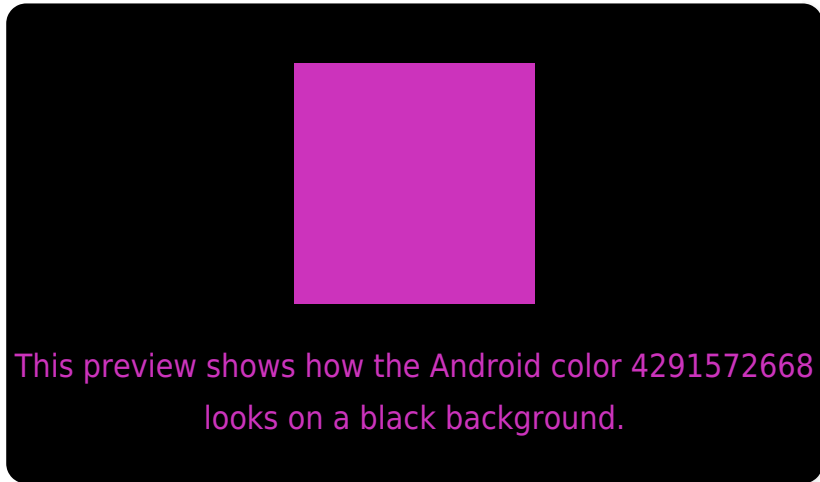
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291572668 Background



This preview shows how black text looks on a background with the Android color 4291572668.



This preview shows how white text looks on a background with the Android color 4291572668.

# 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**

4291572668



**Protanomaly**

4283849954



**Deuteranomaly**

4287061942



**Tritanomaly**

4291185022

# Monochromacy



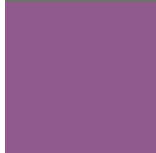
**Original Color**

4291572668



**Achromatopsia**

4285558896



**Achromatomaly**

4287715980

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291572668 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(204, 51, 188)` looks like.

```
.text, #text, p{  
    color:rgb(204, 51, 188)  
}
```

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(204, 51, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 51, 188) }
```

## Border

The CSS property to change the border of an element to Android 4291572668 is called "border". The border property can be set on classes, ids or directly on the HTML element.

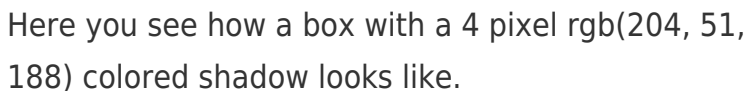
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(204, 51, 188) }
```

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

```
.border{ border-color:rgb(204, 51, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(204, 51, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 51, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 51, 188);  
box-shadow:4px 4px 4px 4px rgb(204, 51,  
188) }
```

# Background

The CSS property to change the background color of an element to Android 4291572668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 51, 188) }
```

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

```
.background{ background-color: rgb(204, 51,  
188) }
```

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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