

# Converting Colors

Android(4291848378)

Have a look what the booklet for  
Android(4291848378) contains.

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# **Color**

**Android(4291848378)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D068BA
RGB	208, 104, 186
RGB Percent	82%, 41%, 73%
CMY	0.1843, 0.5922, 0.2706
CMYK	0.00, 0.50, 0.11, 0.18
HSL	313°, 53%, 61%
HSV	313°, 50%, 82%
XYZ	39.8257, 26.8557, 49.5390
YIQ	144.4440, 35.6620, 47.5500

# Conversions

## Conversions Part 2

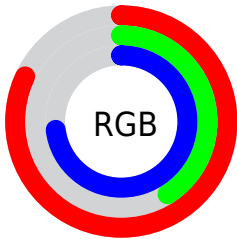
Format	Color
<a href="#">RYB</a>	<a href="#">208, 104, 186</a>
Decimal	<a href="#">13658298</a>
CIELab	<a href="#">58.84, 51.56, -24.79</a>
CIELCh	<a href="#">59, 57.210, 334.323</a>
Yxy	<a href="#">26.8557, 0.3427, 0.2311</a>
Android (android.graphics.Color)	<a href="#">4291848378</a> ( <a href="#">0xFFD068BA</a> )
YUV	<a href="#">144.4440, 20.4871, 55.7386</a>
Hunter-Lab	<a href="#">51.8225, 46.4882, -20.4017</a>

# Details

The Android color `4291848378` is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be `4285059198`, and the grayscale version is `4287664272`.

A 20% lighter version of the original color is `4294942450`, and `4288098949` is the 20% darker color. If you saturate the color by 10%, you get `4291842998`, and if you desaturate by 10%, it is `4291853758`.

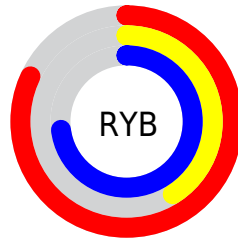
# Distribution



Red (82%)

Green (41%)

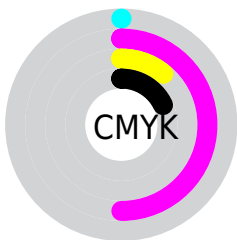
Blue (73%)



Red (82%)

Yellow (41%)

Blue (73%)

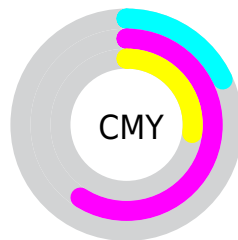


Cyan (0%)

Magenta (50%)

Yellow (11%)

Black (18%)



Cyan (18%)

Magenta (59%)


Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291848378 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 4291848378 by changing the saturation by 10% instead.



 4291848378

 4291848378

4294967295

 4289940895

 4294942450

 4288098949

 4294949631

 4286321259

 4294957055

 4284547155

 4294964479

 4282843195

 4281335846


 4278386701


 4278190080

 4291848378

 4291848378

 4291842998


 4291853758


 4291837617

 4291859139

 4291832493

 4291864263

 4291827112

 4291869644

 4291821732

 4291875024

 4291880404

 4291885785

 4291887069

 4291887074

# Harmonies

## Analogous

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



4288249313



4291848378



4293418632

# Triad

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



4291848378



4288777501



4278232261

# Complementary

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



4291848378



4285059198

# 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.



4278232724



4291848378



4285373236

# Square

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



4291848378



4291459888



4278428256



4278230760

# Rectangle

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



4291848378



4293419623



4278428256



4278232501



# Sweetspot

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



4291848378



4294957559



4286408912



4286605691



4278190080



4286611584



# Same Dimension

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



4291848378



4294928095



4291848327



4285095526



4289200261



4280877088



# Inverse Universe

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



4291848378



4294928095



4285059249



4285095526



4289200261



4280877088



# Previews

## White Background



This preview shows how the Android color 4291848378 looks on a white background.

## Color Contrast Check

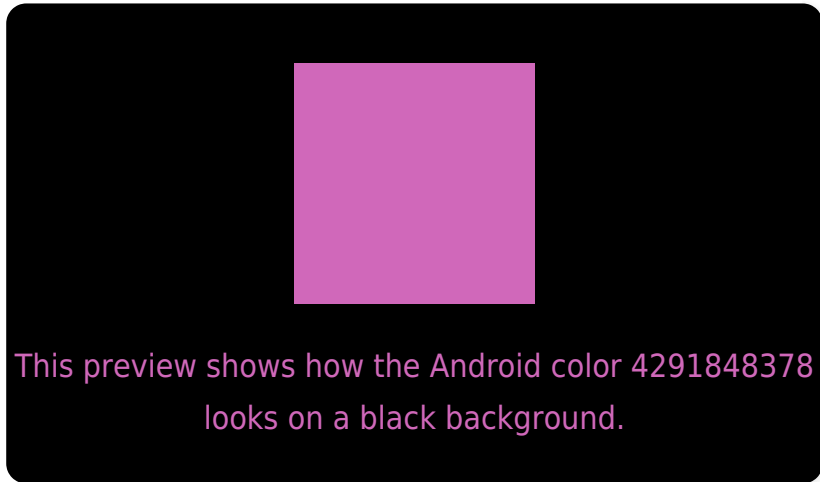
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291848378 Background



This preview shows how black text looks on a background with the Android color 4291848378.



This preview shows how white text looks on a background with the Android color 4291848378.

# 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**

4291848378



**Protanomaly**

4287987660



**Deuteranomaly**

4288839350



**Tritanomaly**

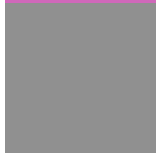
4291588244

# Monochromacy



**Original Color**

4291848378



**Achromatopsia**

4287664272



**Achromatomaly**

4289167775

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291848378 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, 104, 186)` looks like.

```
.text, #text, p{  
    color:rgb(208, 104, 186)  
}
```

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, 104, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 104, 186) }
```

## Border

The CSS property to change the border of an element to Android 4291848378 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, 104, 186) }
```

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

```
.border{ border-color:rgb(208, 104, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 104, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 104, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 104, 186);  
box-shadow:4px 4px 4px 4px rgb(208, 104,  
186) }
```

# Background

The CSS property to change the background color of an element to Android 4291848378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 104, 186) }
```

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

```
.background{ background-color: rgb(208,  
104, 186) }
```

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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