

# Converting Colors

Android(4291270833)

Have a look what the booklet for  
Android(4291270833) contains.

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# **Color**

**Android(4291270833)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C798B1
RGB	199, 152, 177
RGB Percent	78%, 60%, 69%
CMY	0.2196, 0.4039, 0.3059
CMYK	0.00, 0.24, 0.11, 0.22
HSL	328°, 30%, 69%
HSV	328°, 24%, 78%
XYZ	42.7172, 37.7729, 46.6344
YIQ	168.9030, 19.9870, 17.7390

# Conversions

## Conversions Part 2

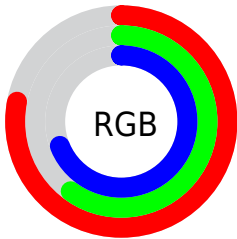
Format	Color
<a href="#">RYB</a>	<a href="#">199, 152, 177</a>
Decimal	<a href="#">13080753</a>
CIELab	<a href="#">67.85, 21.56, -6.18</a>
CIElCh	<a href="#">68, 22.428, 343.996</a>
Yxy	<a href="#">37.7729, 0.3360, 0.2971</a>
Android (android.graphics.Color)	<a href="#">4291270833 (0xFFC798B1)</a>
YUV	<a href="#">168.9030, 3.9918, 26.3951</a>
Hunter-Lab	<a href="#">61.4597, 16.5111, -1.9664</a>

# Details

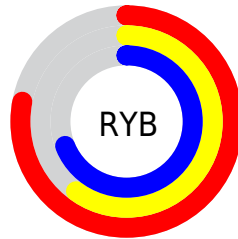
The Android color `4291270833` is a light color, and the websafe version is hex `CC9999`. A complement of this color would be `4288202670`, and the grayscale version is `4289309097`.

A 20% lighter version of the original color is `4294954985`, and `4287718780` is the 20% darker color. If you saturate the color by 10%, you get `4291265704`, and if you desaturate by 10%, it is `4291275962`.

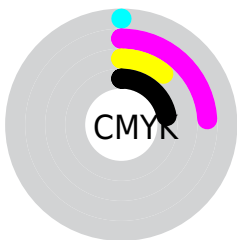
# Distribution



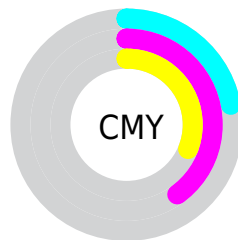
- Red (78%)
- Green (60%)
- Blue (69%)



- Red (78%)
- Yellow (60%)
- Blue (69%)



- Cyan (0%)
- Magenta (24%)
- Yellow (11%)
- Black (22%)




- Cyan (22%)
- Magenta (40%)
- Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291270833 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 4291270833 by changing the saturation by 10% instead.



 4291270833

 4291270833

4294967295

 4289429142

 4294954985

 4287718780

 4294962175

 4285942884


 4284298572


 4282720053


 4281207072


 4279762951

 4278190080

 4291270833

 4291270833


 4291265704


 4291275962

 4291260574

 4291281092

 4291255445


 4291286221

 4291250316


 4291291350

 4291245442


 4291296480

 4291240313

 4291297257

 4291235184

 4291297266

 4291231850

 4291297276

 4291297279

# Harmonies

## Analogous

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



4290026947



4291270833



4291794844

# Triad

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



4291270833



4289439614



4285444033

# Complementary

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



4291270833



4288202670

# 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.



4285444526



4291270833



4287933832

# Square

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



4291270833



4290683007



4286492826



4286556876

# Rectangle

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



4291270833



4291729808



4286492826



4285313211



# Sweetspot

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



4291270833



4294962679



4289632455



4286608763



4278190080



4286611584



# Same Dimension

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



4291270833



4294949086



4291270810



4284701279



4288872535



4280549395



# Inverse Universe

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



4291270833



4294949086



4288202693



4284701279



4288872535

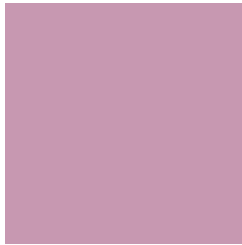


4280549395



# Previews

## White Background



This preview shows how the Android color 4291270833 looks on a white background.

## Color Contrast Check

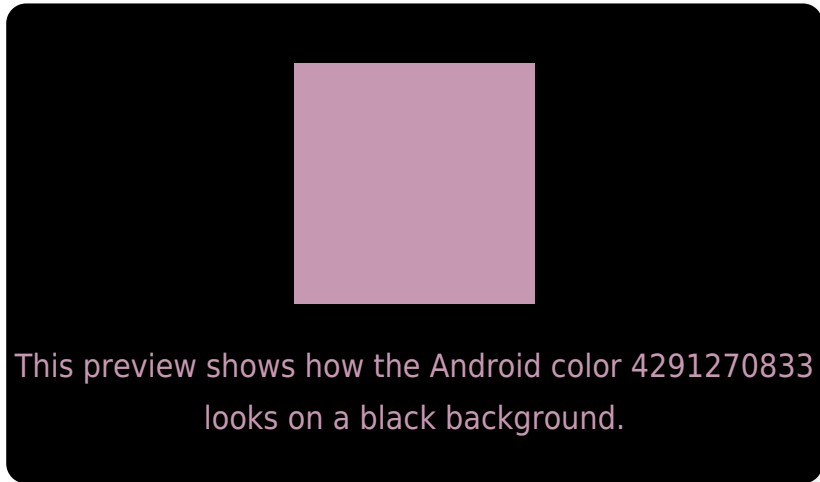
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



# Android 4291270833 Background



This preview shows how black text looks on a background with the Android color 4291270833.



This preview shows how white text looks on a background with the Android color 4291270833.

# 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



**Original Color**  
4291270833

**Protanopia**  
4288914617

**Deuteranopia**  
4289831343



**Tritanopia**  
4291205798

# Trichromacy



**Original Color**  
4291270833

**Protanomaly**  
4289765558

**Deuteranomaly**  
4290354864

**Tritanomaly**  
4291205546

# Monochromacy



**Original Color**  
4291270833

**Achromatopsia**  
4289309097

**Achromatomaly**  
4290028460

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291270833 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(199, 152, 177)` looks like.

```
.text, #text, p{  
    color:rgb(199, 152, 177)  
}
```

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(199, 152, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 152, 177) }
```

## Border

The CSS property to change the border of an element to Android 4291270833 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(199, 152, 177) }
```

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

```
.border{ border-color:rgb(199, 152, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 152, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 152, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 152, 177); box-shadow:4px 4px 4px 4px rgb(199, 152, 177) }
```

# Background

The CSS property to change the background color of an element to Android 4291270833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 152, 177) }
```

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

```
.background{ background-color: rgb(199,  
152, 177) }
```

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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