

# Converting Colors

Android(4291263370)

Have a look what the booklet for  
Android(4291263370) contains.

<b>Android(4291263370)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4291263370)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C77B8A
RGB	199, 123, 138
RGB Percent	78%, 48%, 54%
CMY	0.2196, 0.5176, 0.4588
CMYK	0.00, 0.38, 0.31, 0.22
HSL	348°, 40%, 63%
HSV	348°, 38%, 78%
XYZ	35.2236, 28.1430, 27.6204
YIQ	147.4340, 40.4810, 20.7770

# Conversions

## Conversions Part 2

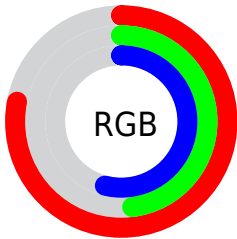
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">199, 123, 138</a>
Decimal	<a href="#">13073290</a>
CIELab	<a href="#">60.02, 31.48, 4.46</a>
CIElCh	<a href="#">60, 31.796, 8.062</a>
Yxy	<a href="#">28.1430, 0.3871, 0.3093</a>
Android (android.graphics.Color)	<a href="#">4291263370 (0xFFC77B8A)</a>
YUV	<a href="#">147.4340, -4.6510, 45.2234</a>
Hunter-Lab	<a href="#">53.0500, 25.6811, 6.2657</a>

# Details

The Android color `4291263370` is a light color, and the websafe version is hex `CC9999`. A complement of this color would be `4286302136`, and the grayscale version is `4287861651`.

A 20% lighter version of the original color is `4294947007`, and `4287580504` is the 20% darker color. If you saturate the color by 10%, you get `4291258234`, and if you desaturate by 10%, it is `4291268506`.

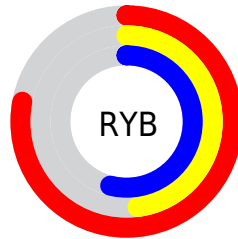
# Distribution



Red (78%)

Green (48%)

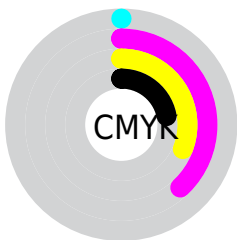
Blue (54%)



Red (78%)

Yellow (48%)

Blue (54%)

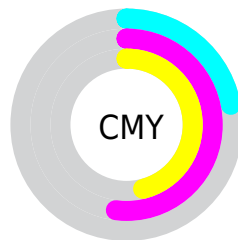


Cyan (0%)

Magenta (38%)

Yellow (31%)

Black (22%)



Cyan (22%)

Magenta (52%)


Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291263370 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 4291263370 by changing the saturation by 10% instead.



 4291263370

 4291263370

4294967295

 4289421681


 4294947007

 4287580504

 4294954203

 4285804609

 4294961656


 4284094507

 4282384407


 4281073665

 4278190080

 4291263370

 4291263370

 4291258234

 4291268506

 4291253098

 4291273642


 4291247962

 4291278778

 4291242826

 4291283914

 4291237946


 4291289050

 4291232810

 4291293930

 4291231783

 4291297274

 4291297279

# Harmonies

## Analogous

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



4290412198



4291263370



4291067759

# Triad

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



4291263370



4286486884



4282882500

# Complementary

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



4291263370



4286302136

# 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.



428065538



429126370



428419427

# Square

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



4291263370



4288450905



4281835671



4285895112

# Rectangle

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



4291263370



4290479458



4281835671



4281899967



# Sweetspot

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



4291263370



4294960104



4290280391



4286607218



4278190080



4286611584



# Same Dimension

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



4291263370



4294937249



4291269243



4284701275



4288872480



4280549383



# Inverse Universe

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



4291263370



4294937249



4286296263



4284701275



4288872480

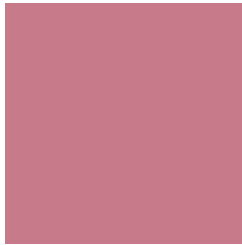


4280549383



# Previews

## White Background



This preview shows how the Android color 4291263370 looks on a white background.

## Color Contrast Check

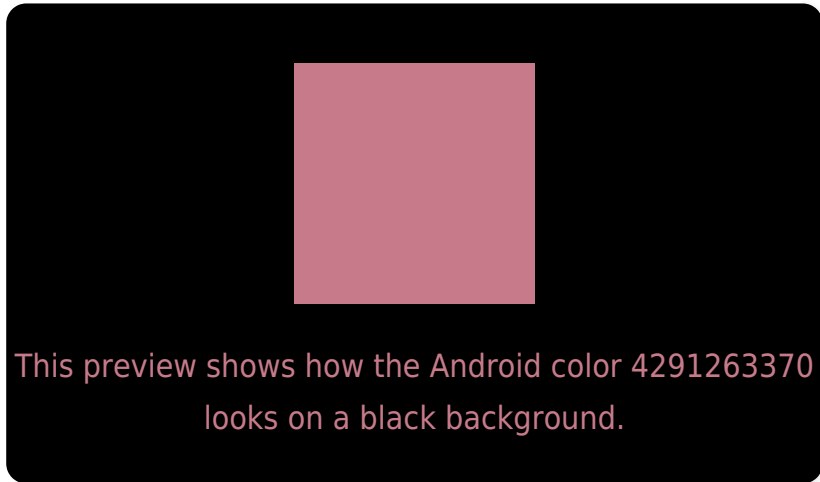
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291263370 Background



This preview shows how black text looks on a background with the Android color 4291263370.




This preview shows how white text looks on a background with the Android color 4291263370.

# 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





**Tritanopia**  
4291263621

# Trichromacy



**Original Color**  
4291263370

**Protanomaly**  
4289038482

**Deuteranomaly**  
4289758856

**Tritanomaly**  
4291263623

# Monochromacy



**Original Color**  
4291263370

**Achromatopsia**  
4287861651

**Achromatomaly**  
4289104528

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291263370 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, 123, 138)` looks like.

```
.text, #text, p{  
    color:rgb(199, 123, 138)  
}
```

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, 123, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 123, 138) }
```

## Border

The CSS property to change the border of an element to Android 4291263370 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, 123, 138) }
```

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

```
.border{ border-color:rgb(199, 123, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 123, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 123, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 123, 138);  
box-shadow:4px 4px 4px 4px rgb(199, 123,  
138) }
```

# Background

The CSS property to change the background color of an element to Android 4291263370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 123, 138) }
```

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

```
.background{ background-color: rgb(199,  
123, 138) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor