

# Converting Colors

Android(4290478284)

Have a look what the booklet for  
Android(4290478284) contains.

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# **Color**

**Android(4290478284)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB80CC
RGB	187, 128, 204
RGB Percent	73%, 50%, 80%
CMY	0.2667, 0.4980, 0.2000
CMYK	0.08, 0.37, 0.00, 0.20
HSL	287°, 43%, 65%
HSV	287°, 37%, 80%
XYZ	39.1118, 30.3628, 60.9259
YIQ	154.3050, 10.7680, 36.1440

# Conversions

## Conversions Part 2

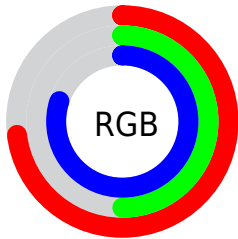
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 128, 204
Decimal	12288204
CIELab	61.97, 35.84, -30.38
CIELCh	62, 46.986, 319.710
Yxy	30.3628, 0.2999, 0.2328
Android (android.graphics.Color)	4290478284 (0xFFBB80CC)
YUV	154.3050, 24.4996, 28.6735
Hunter-Lab	55.1024, 30.2703, -26.9844

# Details

The Android color `4290478284` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `4287745152`, and the grayscale version is `4288322202`.

A 20% lighter version of the original color is `4294227711`, and `4286860694` is the 20% darker color. If you saturate the color by 10%, you get `4290145484`, and if you desaturate by 10%, it is `4290811084`.

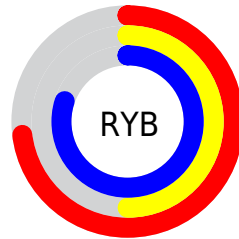
# Distribution



Red (73%)

Green (50%)

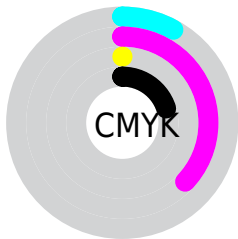
Blue (80%)



Red (73%)

Yellow (50%)

Blue (80%)

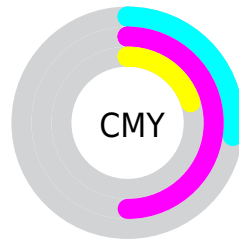


Cyan (8%)

Magenta (37%)

Yellow (0%)

Black (20%)



Cyan (27%)

Magenta (50%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290478284 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 4290478284 by changing the saturation by 10% instead.



 4290478284

 4290478284

4294967295

 4288636592

 4294227711

 4286860694

 4294955775

 4285150587

 4294962943

 4283506018

 4281860938

 4280483891

 4278190365

 4278190080

 4290478284

 4290478284

 4290145484

 4290811084

 4289877964

 4291078604

 4289545164

 4291411404

 4289277644

 4291678924

 4288944844

 4292011724

 4288677580

 4292278988

 4288544972

 4292607948

 4292935628

 4293197772

# Harmonies

## Analogous

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



4286681316



4290478284



4292637862

# Triad

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



4290478284



4290416194



4278234032

# Complementary

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



4290478284



4287745152

# 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.



4278233733



4290478284



4287863876

# Square

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



4290478284



4292312920



4284720478



4278233044

# Rectangle

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



4290478284



4293161610



4284720478



4278234018



# Sweetspot

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



4290478284



4294566911



4286616268



4286345088



4278190080



4286611584



# Same Dimension

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



4290478284



4293233919



4291592376



4284767334



4286644390



4280156198



# Inverse Universe

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



4291592337



4294937766



4286631060



4284898398



4289069093

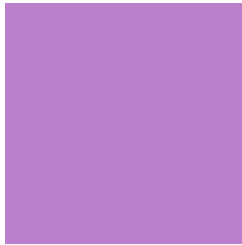


4280680457



# Previews

## White Background



This preview shows how the Android color 4290478284 looks on a white background.

## Color Contrast Check

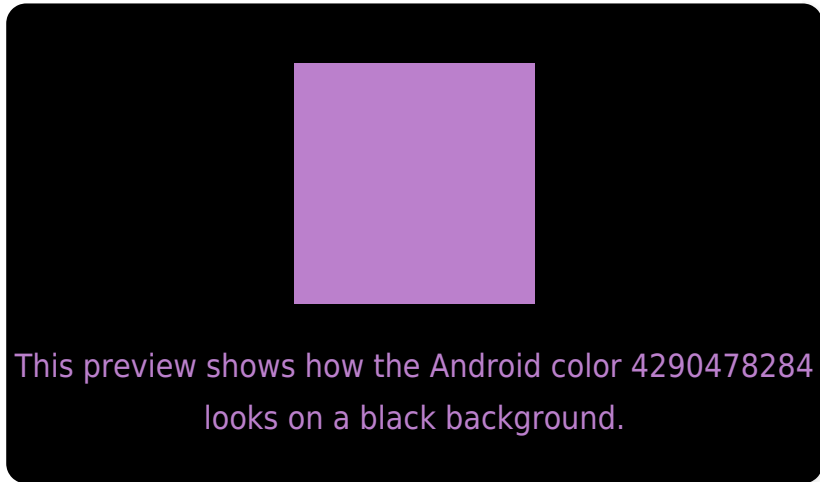
Large Text (above 18pt) WCAG AA × Fail

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

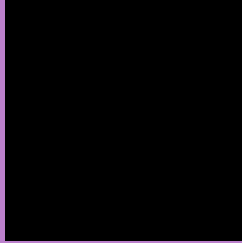
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4290478284 Background



This preview shows how black text looks on a background with the Android color 4290478284.



This preview shows how white text looks on a background with the Android color 4290478284.

# 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**  
4289956758

# Trichromacy



**Original Color**  
4290478284



**Protanomaly**  
4287925718



**Deuteranomaly**  
4288384457



**Tritanomaly**  
4290152362

# Monochromacy



**Original Color**  
4290478284



**Achromatopsia**  
4288322202



**Achromatomaly**  
4289106348

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290478284 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(187, 128, 204)` looks like.

```
.text, #text, p{  
    color:rgb(187, 128, 204)  
}
```

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(187, 128, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 128, 204) }
```

## Border

The CSS property to change the border of an element to Android 4290478284 is called "border". The border property can be set on classes, ids or directly on the HTML element.

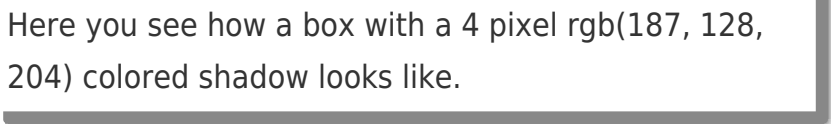
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 128, 204) }
```

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

```
.border{ border-color:rgb(187, 128, 204) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 128, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 128, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 128, 204); box-shadow:4px 4px 4px 4px rgb(187, 128, 204) }
```

# Background

The CSS property to change the background color of an element to Android 4290478284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 128, 204) }
```

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

```
.background{ background-color: rgb(187,  
128, 204) }
```

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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