

# Converting Colors

Android(4290471370)

Have a look what the booklet for  
Android(4290471370) contains.

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# **Color**

**Android(4290471370)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB65CA
RGB	187, 101, 202
RGB Percent	73%, 40%, 79%
CMY	0.2667, 0.6039, 0.2078
CMYK	0.07, 0.50, 0.00, 0.21
HSL	291°, 49%, 59%
HSV	291°, 50%, 79%
XYZ	35.8079, 24.1364, 58.6486
YIQ	138.2280, 18.8350, 49.6430

# Conversions

## Conversions Part 2

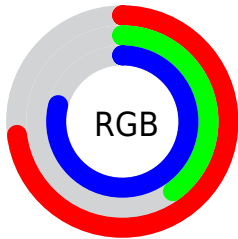
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	187, 101, 202
Decimal	12281290
CIE <sub>Lab</sub>	56.22, 49.81, -38.20
CIE <sub>LCh</sub>	56, 62.772, 322.511
Y <sub>xy</sub>	24.1364, 0.3019, 0.2035
Android (android.graphics.Color)	4290471370 (0xFFBB65CA)
YUV	138.2280, 31.4396, 42.7730
Hunter-Lab	49.1288, 44.1254, -36.3886

# Details

The Android color `4290471370` is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be `4285844069`, and the grayscale version is `4287269514`.

A 20% lighter version of the original color is `4294286335`, and `4286787731` is the 20% darker color. If you saturate the color by 10%, you get `4290269642`, and if you desaturate by 10%, it is `4290673098`.

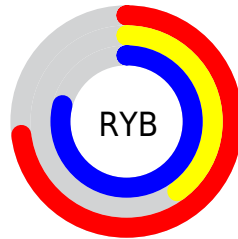
# Distribution



Red (73%)

Green (40%)

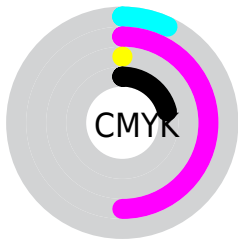
Blue (79%)



Red (73%)

Yellow (40%)

Blue (79%)

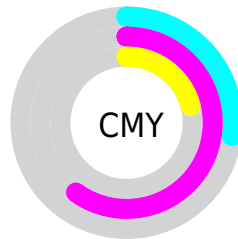


Cyan (7%)

Magenta (50%)

Yellow (0%)

Black (21%)



Cyan (27%)

Magenta (60%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290471370 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 4290471370 by changing the saturation by 10% instead.



 4290471370

 4290471370

4294967295

 4288629678

 4294286335

 4286787731

 4294948607

 4285076345

 4294956031

 4283301984

 4294963455

 4281663560

 4280090673

 4278190363

 4278190080

 4290471370

 4290471370

4290269642

4290673098

4290067914

4290874826

4289865930

4291076810

4289664202

4291278538

4289462474

4291480266

4291681994

4291883722

4292083658

4292280266

# Harmonies

## Analogous

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



4285234924



4290471370



4292956567

# Triad

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



4290471370



4289560320



4278231215

# Complementary

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



4290471370



4285844069

# 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.



4278230903



4290471370



4286222346

# Square

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



4290471370



4292045103



4281178688



4278230237

# Rectangle

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



4290471370



4293480562



4281178688



4278231197



# Sweetspot

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



4290471370



4294564351



4284839114



4286343552



4278190080



4286611584



# Same Dimension

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



4290471370



4293420799



4291454375



4284767334



4287430822



4280352806



# Inverse Universe

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



4291454324



4294927997



4284861064



4284898397



4289069081



4280680454



# Previews

## White Background



This preview shows how the Android color 4290471370 looks on a white background.

## Color Contrast Check

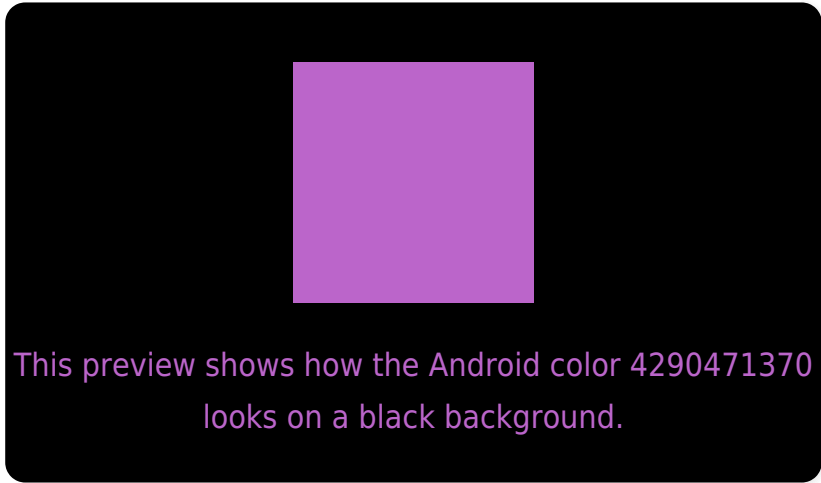
Large Text (above 18pt) WCAG AA ✓ Pass

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

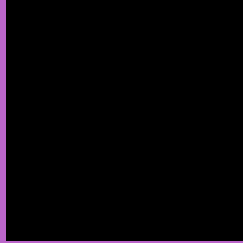
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4290471370 Background



This preview shows how black text looks on a background with the Android color 4290471370.



This preview shows how white text looks on a background with the Android color 4290471370.

# 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**

4290471370



**Protanomaly**

4286609883



**Deuteranomaly**

4287331014



**Tritanomaly**

4290080923

# Monochromacy



**Original Color**

4290471370



**Achromatopsia**

4287269514



**Achromatomaly**

4288445857

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290471370 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, 101, 202)` looks like.

```
.text, #text, p{  
    color:rgb(187, 101, 202)  
}
```

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, 101, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 101, 202) }
```

## Border

The CSS property to change the border of an element to Android 4290471370 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, 101, 202) }
```

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

```
.border{ border-color:rgb(187, 101, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 101, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 101, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 101, 202);  
box-shadow:4px 4px 4px 4px rgb(187, 101,  
202) }
```

# Background

The CSS property to change the background color of an element to Android 4290471370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 101, 202) }
```

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

```
.background{ background-color: rgb(187,  
101, 202) }
```

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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