

# Converting Colors

Android(4290464937)

Have a look what the booklet for  
Android(4290464937) contains.

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**Color**

**Android(4290464937)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB4CA9
RGB	187, 76, 169
RGB Percent	73%, 30%, 66%
CMY	0.2667, 0.7020, 0.3373
CMYK	0.00, 0.59, 0.10, 0.27
HSL	310°, 45%, 52%
HSV	310°, 59%, 73%
XYZ	30.2394, 18.5983, 39.5321
YIQ	119.7910, 36.3030, 52.4550

# Conversions

## Conversions Part 2

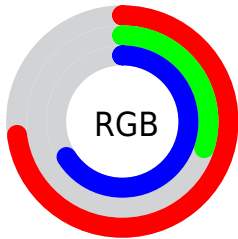
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	187, 76, 169
Decimal	12274857
CIE <sub>Lab</sub>	50.21, 55.93, -28.52
CIE <sub>LCh</sub>	50, 62.782, 332.985
Y <sub>xy</sub>	18.5983, 0.3422, 0.2105
Android (android.graphics.Color)	4290464937 (0xFFBB4CA9)
YUV	119.7910, 24.2600, 58.9423
Hunter-Lab	43.1257, 49.6928, -24.1615

# Details

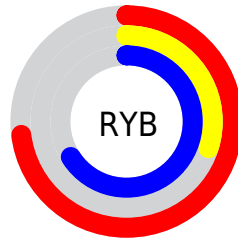
The Android color **4290464937** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **4283218782**, and the grayscale version is **4286085240**.

A 20% lighter version of the original color is **4294280161**, and **4286778229** is the 20% darker color. If you saturate the color by 10%, you get **4290460070**, and if you desaturate by 10%, it is **4290469804**.

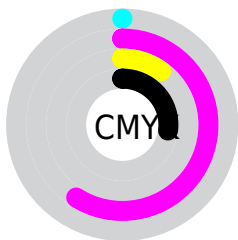
# Distribution



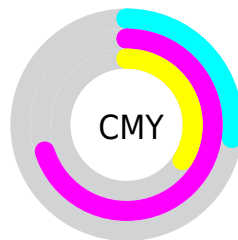
- Red (73%)
- Green (30%)
- Blue (66%)



- Red (73%)
- Yellow (30%)
- Blue (66%)



- Cyan (0%)
- Magenta (59%)
- Yellow (10%)
- Black (27%)



- Cyan (27%)
- Magenta (70%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290464937 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 4290464937 by changing the saturation by 10% instead.





4290464937



4290464937

4294967295



4288622734



4294280161



4286778229



4294942461



4285005916



4294949887



4283236420



4294957055



4281729069



4294964735



4279500823



4278190080



4290464937



4290464937



4290460070



4290469804

 4290455459

 4290474415

 4290450592

 4290479282

 4290445725

 4290484149

 4290445469

 4290489016

 4290493627

 4290498494

 4290503361

 4290507972

# Harmonies

## Analogous

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



4286408658



4290464937



4292099188

# Triad

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



4290464937



4287330048



4278226865

# Complementary

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



4290464937



4283218782

# 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.



4278226811



4290464937



4283729159

# Square

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



4290464937



4290077196



4278225988



4278225367

# Rectangle

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



4290464937



4292100689



4278225988



4278227104



# Sweetspot

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



4290464937



4294100971



4284304571



4286209910



4294638330



4286216826



# Same Dimension

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



4290464937



4294067926



4290464883



4284372317



4288544900



4280221722



# Inverse Universe

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



4290464937



4294067926



4283218836



4284372317



4288544900



4280221722



# Previews

## White Background



This preview shows how the Android color 4290464937 looks on a white background.

## Color Contrast Check

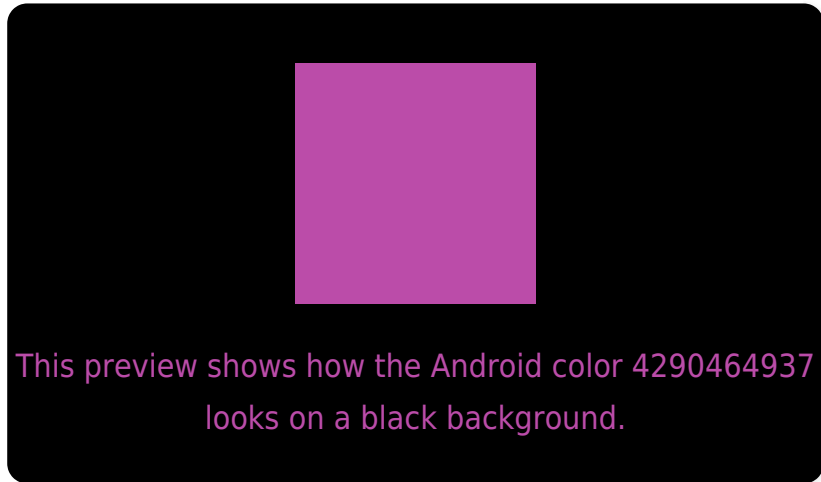
Large Text (above 18pt) WCAG AA ✓ Pass

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

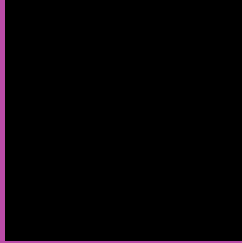
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4290464937 Background



This preview shows how black text looks on a background with the Android color 4290464937.



This preview shows how white text looks on a background with the Android color 4290464937.

# 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**  
4290464937

**Protanomaly**  
4286146239

**Deuteranomaly**  
4287195045

**Tritanomaly**  
4290205566

# Monochromacy



**Original Color**  
4290464937

**Achromatopsia**  
4286085240

**Achromatomaly**  
4287654026

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290464937 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, 76, 169)` looks like.

```
.text, #text, p{  
    color:rgb(187, 76, 169)  
}
```

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, 76, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 76, 169) }
```

## Border

The CSS property to change the border of an element to Android 4290464937 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, 76, 169) }
```

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

```
.border{ border-color:rgb(187, 76, 169) }
```

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

Here you see how a box with a 4 pixel rgb(187, 76, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 76, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 76, 169);  
box-shadow:4px 4px 4px 4px rgb(187, 76,  
169) }
```

# Background

The CSS property to change the background color of an element to Android 4290464937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 76, 169) }
```

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

```
.background{ background-color: rgb(187, 76,  
169) }
```

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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