

# Converting Colors

Android(4290398975)

Have a look what the booklet for  
Android(4290398975) contains.

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**Color**

**Android(4290398975)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BA4AFF
RGB	186, 74, 255
RGB Percent	73%, 29%, 100%
CMY	0.2706, 0.7098, 0.0000
CMYK	0.27, 0.71, 0.00, 0.00
HSL	277°, 100%, 65%
HSV	277°, 71%, 100%
XYZ	40.7485, 22.5567, 96.8139
YIQ	128.1220, 8.6510, 80.0350

# Conversions

## Conversions Part 2

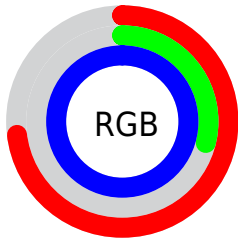
<b>Format</b>	<b>Color</b>
<b>RYB</b>	186, 74, 255
Decimal	12208895
CIELab	54.61, 72.65, -70.57
CIELCh	55, 101.286, 315.832
Yxy	22.5567, 0.2545, 0.1409
Android (android.graphics.Color)	4290398975 (0xFFBA4AFF)
YUV	128.1220, 62.5509, 50.7590
Hunter-Lab	47.4939, 70.0341, -87.6141

# Details

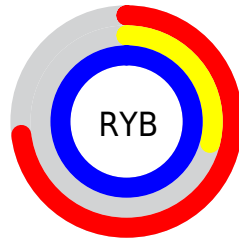
The Android color `4290398975` is a light color, and the websafe version is hex `CC33FF`. The color can be described as light washed purple. A complement of this color would be `4287627082`, and the grayscale version is `4286611584`.

A 20% lighter version of the original color is `4294345727`, and `4286513349` is the 20% darker color. If you saturate the color by 10%, you get `4289737215`, and if you desaturate by 10%, it is `4291060991`.

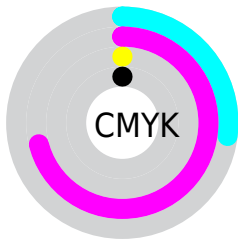
# Distribution



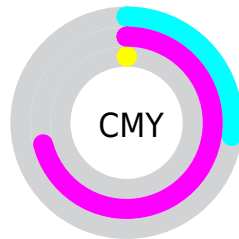
- Red (73%)
- Green (29%)
- Blue (100%)



- Red (73%)
- Yellow (29%)
- Blue (100%)



- Cyan (27%)
- Magenta (71%)
- Yellow (0%)
- Black (0%)




















- Cyan (27%)
- Magenta (71%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290398975 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 4290398975 by changing the saturation by 10% instead.



 4290398975	 4290398975
 4294967295	 4288424674
 4294345727	 4286513349
 4294942975	 4284547241
 4294950143	 4282581134
 4294957823	 4280352883
 4294965247	 4278190170
	 4278190657
	 4278190890
	 4278190356

■ 4290398975

■ 4290398975

■ 4289737215

■ 4291060991

■ 4289140735

■ 4291657215

■ 4288545023

■ 4292319231

■ 4292980991

■ 4293643007

■ 4294239231

■ 4294901247

4294967295

# Harmonies

## Analogous

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



4278222847



4290398975



4294901936

# Triad

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



4290398975



4290866944



4278232497

# Complementary

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



4290398975



4287627082

# 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.



4278231636



4290398975



4285828352

# Square

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



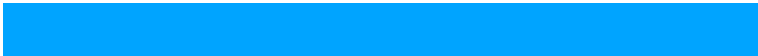
4290398975



4294522112



4278230016



4278232319

# Rectangle

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



4290398975



4294901878



4278230016



4278232466



# Sweetspot

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



4290398975



4293642751



4283076607



4285751424



4278190080



4286611584



# Same Dimension

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



4290398975



4289472255



4294920938



4286280576



4285923519



4280746048



# Inverse Universe

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



4294920847



4294911609



4283105119



4286608248



4290707529

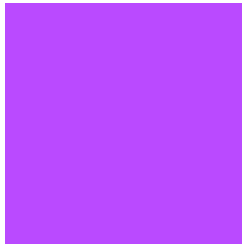


4282384408



# Previews

## White Background



This preview shows how the Android color 4290398975 looks on a white background.

## Color Contrast Check

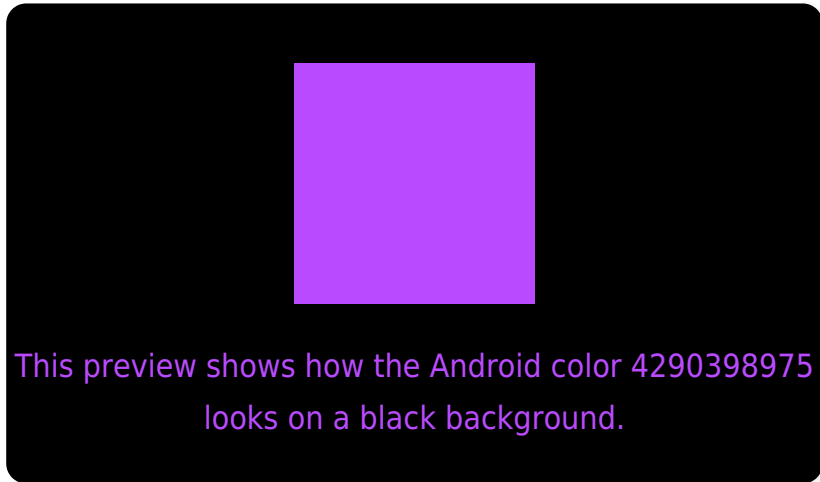
Large Text (above 18pt) WCAG AA ✓ Pass

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

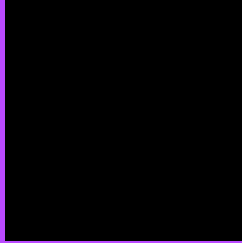
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4290398975 Background



This preview shows how black text looks on a background with the Android color 4290398975.

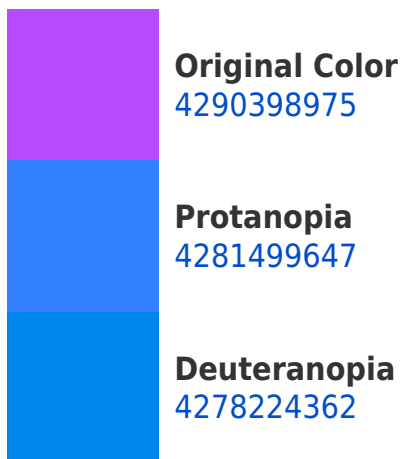



This preview shows how white text looks on a background with the Android color 4290398975.

# 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**  
4288968319

# Trichromacy



**Original Color**

4290398975



**Protanomaly**

4284706047



**Deuteranomaly**

4282675442



**Tritanomaly**

4289488558

# Monochromacy



**Original Color**

4290398975



**Achromatopsia**

4286611584



**Achromatomaly**

4287982766

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290398975 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(186, 74, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 74, 255)  
}
```

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(186, 74, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 74, 255) }
```

## Border

The CSS property to change the border of an element to Android 4290398975 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(186, 74, 255) }
```

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

```
.border{ border-color:rgb(186, 74, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 74, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 74, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 74, 255);  
box-shadow:4px 4px 4px 4px rgb(186, 74,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4290398975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 74, 255) }
```

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

```
.background{ background-color: rgb(186, 74,  
255) }
```

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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