

# Converting Colors

Android(4290420473)

Have a look what the booklet for  
Android(4290420473) contains.

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# **Color**

**Android(4290420473)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BA9EF9
RGB	186, 158, 249
RGB Percent	73%, 62%, 98%
CMY	0.2706, 0.3804, 0.0235
CMYK	0.25, 0.37, 0.00, 0.02
HSL	258°, 88%, 80%
HSV	258°, 37%, 98%
XYZ	49.5754, 41.7324, 95.0648
YIQ	176.7460, -12.5230, 34.2370

# Conversions

## Conversions Part 2

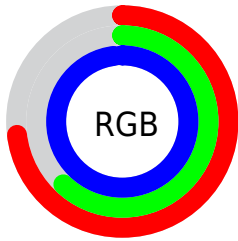
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 158, 249
Decimal	12230393
CIE <sub>Lab</sub>	70.69, 28.84, -41.70
CIE <sub>LCh</sub>	71, 50.695, 304.666
Yxy	41.7324, 0.2660, 0.2239
Android (android.graphics.Color)	4290420473 (0xFFBA9EF9)
YUV	176.7460, 35.6212, 8.1158
Hunter-Lab	64.6006, 23.9325, -42.0294

# Details

The Android color `4290420473` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4292737438`, and the grayscale version is `4289769648`.

A 20% lighter version of the original color is `4294170111`, and `4286802624` is the 20% darker color. If you saturate the color by 10%, you get `4289299961`, and if you desaturate by 10%, it is `4291540985`.

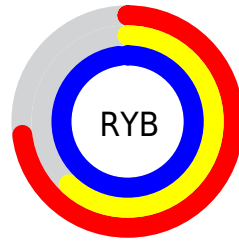
# Distribution



Red (73%)

Green (62%)

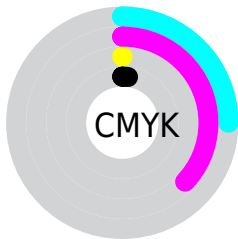
Blue (98%)



Red (73%)

Yellow (62%)

Blue (98%)

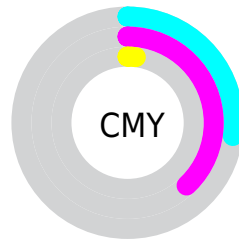


Cyan (25%)

Magenta (37%)

Yellow (0%)

Black (2%)



Cyan (27%)

Magenta (38%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290420473 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 4290420473 by changing the saturation by 10% instead.



 4290420473

 4290420473

4294967295

 4288578780

 4294170111

 4286802624

 4294963711

 4285026981

 4283316874

 4281607280

 4279766871

 4278255680


 4278190888

 4278190354

 4290420473

 4290420473

 4289299961

 4291540985

 4288179449

 4292661497

 4286993401

 4293847545

 4285872889

 4294967289

 4284752633

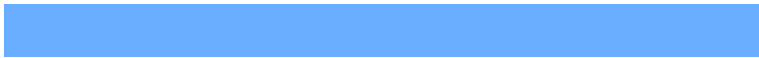
 4283632121

 4283236601

# Harmonies

## Analogous

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



4285181951



4290420473



4293692885

# Triad

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



4290420473



4293434458



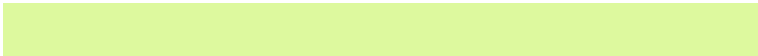
4278240435

# Complementary

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



4290420473



4292737438

# 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.



4283613572



4290420473



4290882894

# Square

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



4290420473



4294937979



4287740254



4278240224

# Rectangle

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



4290420473



4294870967



4287740254



4278240419



# Sweetspot

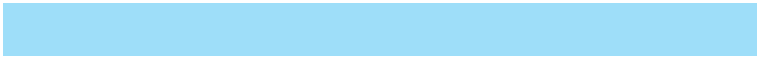
The Sweet Spot groups the original color and five complimentary colors.



4290420473



4293714943



4288601849



4285820800



4278190080



4286611584



# Same Dimension

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



4290420473



4289826815



4293369593



4285821053



4281991357



4279435325



# Inverse Universe

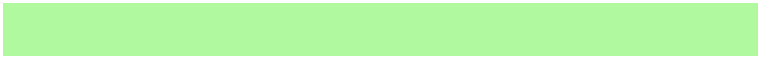
The Inverse Universe completely reimagines the original color for something new.



4294549213



4294938588



4289788318



4286410873



4290576515

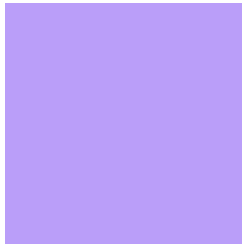


4282187818



# Previews

## White Background



This preview shows how the Android color 4290420473 looks on a white background.

## Color Contrast Check

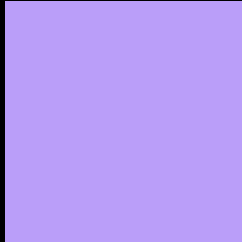
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4290420473 looks on a 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 4290420473 Background



This preview shows how black text looks on a background with the Android color 4290420473.



This preview shows how white text looks on a background with the Android color 4290420473.

# 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



**Original Color**  
4290420473

**Protanopia**  
4287671039

**Deuteranopia**  
4287802358



**Tritanopia**  
4289637305

# Trichromacy



**Original Color**  
4290420473

**Protanomaly**  
4288653053

**Deuteranomaly**  
4288784119

**Tritanomaly**  
4289898192

# Monochromacy



**Original Color**  
4290420473

**Achromatopsia**  
4289835441

**Achromatomaly**  
4290030283

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290420473 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, 158, 249)` looks like.

```
.text, #text, p{  
    color:rgb(186, 158, 249)  
}
```

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, 158, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 158, 249) }
```

## Border

The CSS property to change the border of an element to Android 4290420473 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, 158, 249) }
```

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

```
.border{ border-color:rgb(186, 158, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 158, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 158, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 158, 249);  
box-shadow:4px 4px 4px 4px rgb(186, 158,  
249) }
```

# Background

The CSS property to change the background color of an element to Android 4290420473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 158, 249) }
```

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

```
.background{ background-color: rgb(186,  
158, 249) }
```

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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