

# Converting Colors

Android(4289770472)

Have a look what the booklet for  
Android(4289770472) contains.

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# **Color**

**Android(4289770472)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0B3E8
RGB	176, 179, 232
RGB Percent	69%, 70%, 91%
CMY	0.3098, 0.2980, 0.0902
CMYK	0.24, 0.23, 0.00, 0.09
HSL	237°, 55%, 80%
HSV	237°, 24%, 91%
XYZ	48.5901, 47.2965, 82.9121
YIQ	184.1450, -18.8010, 15.8470

# Conversions

## Conversions Part 2

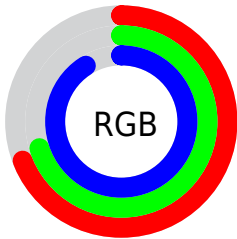
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 179, 232
Decimal	11580392
CIE <sub>Lab</sub>	74.38, 10.23, -26.81
CIE <sub>LCh</sub>	74, 28.695, 290.891
Yxy	47.2965, 0.2718, 0.2645
Android (android.graphics.Color)	4289770472 (0xFFB0B3E8)
YUV	184.1450, 23.5925, -7.1432
Hunter-Lab	68.7725, 5.7646, -23.3393

# Details

The Android color `4289770472` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `4293453232`, and the grayscale version is `4290295992`.

A 20% lighter version of the original color is `4293454847`, and `4286217904` is the 20% darker color. If you saturate the color by 10%, you get `4288257512`, and if you desaturate by 10%, it is `4291283432`.

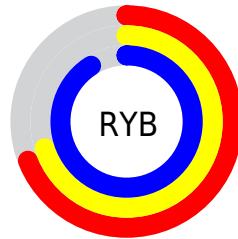
# Distribution



Red (69%)

Green (70%)

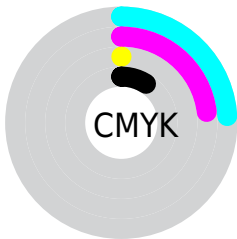
Blue (91%)



Red (69%)

Yellow (70%)

Blue (91%)

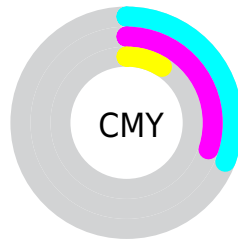


Cyan (24%)

Magenta (23%)

Yellow (0%)

Black (9%)



Cyan (31%)

Magenta (30%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289770472 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 4289770472 by changing the saturation by 10% instead.



 4289770472

 4289770472

4294967295

 4287994060

 4293454847

 4286217904

 4284573077

 4282928763

 4281284450

 4279640650

 4278193203

 4278190622

 4278190080

■ 4289770472

■ 4289770472

■ 4288257512

■ 4291283432

■ 4286744552

■ 4292796392

■ 4285166056

■ 4294374888

■ 4283653096

■ 4294967272

■ 4282140136

■ 4280627176

■ 4279114216

■ 4278193384

# Harmonies

## Analogous

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



4287282410



4289770472



4291930840

# Triad

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



4289770472



4293241487



4286301614

# Complementary

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



4289770472



4293453232

# 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.



4288266901



4289770472



4291932803

# Square

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



4289770472



4293698725



4290231173



4285056457

# Rectangle

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



4289770472



4292978377



4290231173



4286956709



# Sweetspot

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



4289770472



4293783295



4289784036



4285888128



4278190080



4286611584



# Same Dimension

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



4289770472



4290099711



4291342568



4284967027



4278192819



4278190899



# Inverse Universe

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



4293439667



4294948281



4291881136



4285753192



4289921034

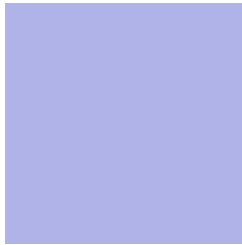


4281532419



# Previews

## White Background



This preview shows how the Android color 4289770472 looks on a white background.

## Color Contrast Check

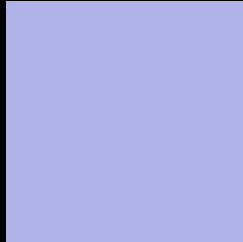
Large Text (above 18pt) WCAG AA × Fail

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 4289770472 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 4289770472 Background



This preview shows how black text looks on a background with the Android color 4289770472.



This preview shows how white text looks on a background with the Android color 4289770472.

# 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**  
4289770472

**Protanopia**  
4289312233

**Deuteranopia**  
4289704936



**Tritanopia**  
4289378760

# Trichromacy



**Original Color**  
4289770472

**Protanomaly**  
4289508585

**Deuteranomaly**  
4289704936

**Tritanomaly**  
4289509332

# Monochromacy



**Original Color**  
4289770472

**Achromatopsia**  
4290295992

**Achromatomaly**  
4290098889

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289770472 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(176, 179, 232)` looks like.

```
.text, #text, p{  
    color:rgb(176, 179, 232)  
}
```

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(176, 179, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 179, 232) }
```

## Border

The CSS property to change the border of an element to Android 4289770472 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(176, 179, 232) }
```

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

```
.border{ border-color:rgb(176, 179, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 179, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 179, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 179, 232); box-shadow:4px 4px 4px 4px rgb(176, 179, 232) }
```

# Background

The CSS property to change the background color of an element to Android 4289770472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 179, 232) }
```

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

```
.background{ background-color: rgb(176,  
179, 232) }
```

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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