

# Converting Colors

Android(4289638634)

Have a look what the booklet for  
Android(4289638634) contains.

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# **Color**

**Android(4289638634)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEB0EA
RGB	174, 176, 234
RGB Percent	68%, 69%, 92%
CMY	0.3176, 0.3098, 0.0824
CMYK	0.26, 0.25, 0.00, 0.08
HSL	238°, 59%, 80%
HSV	238°, 26%, 92%
XYZ	47.8322, 45.9899, 84.1978
YIQ	182.0140, -19.8100, 17.6140

# Conversions

## Conversions Part 2

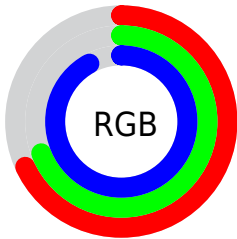
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 176, 234
Decimal	11448554
CIELab	73.54, 11.76, -29.20
CIELCh	74, 31.477, 291.946
Yxy	45.9899, 0.2687, 0.2583
Android (android.graphics.Color)	4289638634 (0xFFAEB0EA)
YUV	182.0140, 25.6291, -7.0283
Hunter-Lab	67.8158, 7.2228, -26.1414

# Details

The Android color `4289638634` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `4293585070`, and the grayscale version is `4290164406`.

A 20% lighter version of the original color is `4293323007`, and `4286086322` is the 20% darker color. If you saturate the color by 10%, you get `4288125418`, and if you desaturate by 10%, it is `4291151850`.

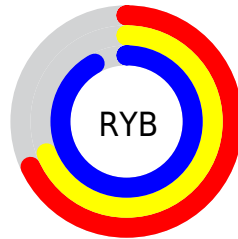
# Distribution



Red (68%)

Green (69%)

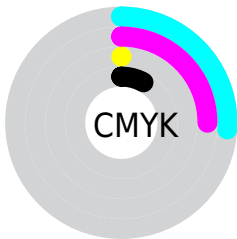
Blue (92%)



Red (68%)

Yellow (69%)

Blue (92%)

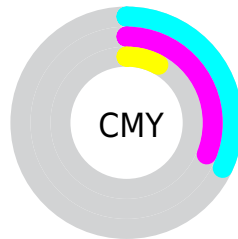


Cyan (26%)

Magenta (25%)

Yellow (0%)

Black (8%)



Cyan (32%)

Magenta (31%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289638634 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 4289638634 by changing the saturation by 10% instead.



 4289638634

 4289638634

4294967295

 4287862222

 4293323007

 4286086322

 4284375959

 4282731389

 4281087076

 4279377740

 4278192181

 4278190623

 4278190082

 4289638634

 4289638634

 4288125418

 4291151850

 4286546922


 4292730346

 4285033706

 4294243562

 4283455210

 4294967274

 4281941994

 4280428778

 4278850282

 4278192362

# Harmonies

## Analogous

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



4286823149



4289638634



4291995353

# Triad

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



4289638634



4293240712



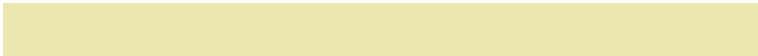
4285645996

# Complementary

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



4289638634



4293585070

# 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.



4287807632



4289638634



4291866748

# Square

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



4289638634



4293894304



4289968511



4284073161

# Rectangle

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



4289638634



4293108167



4289968511



4286301090



# Sweetspot

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



4289638634



4293651455



4289653480



4285756288



4278190080



4286611584



# Same Dimension

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



4289638634



4289770495



4291473130



4285164149



4278191797



4278190646



# Inverse Universe

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



4293570224



4294946995



4291750574



4285885034



4290052102

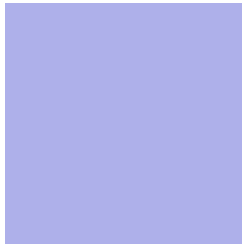


4281729026



# Previews

## White Background



This preview shows how the Android color 4289638634 looks on a white background.

## Color Contrast Check

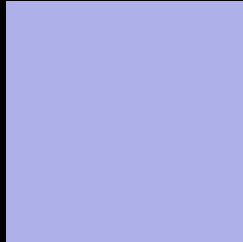
Large Text (above 18pt) WCAG AA × Fail

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 4289638634 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

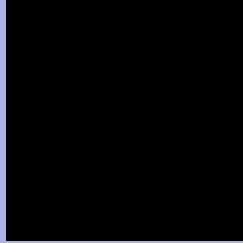
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4289638634 Background



This preview shows how black text looks on a background with the Android color 4289638634.



This preview shows how white text looks on a background with the Android color 4289638634.

# 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**

4289638634

**Protanopia**

4289049324

**Deuteranopia**

4289376746



**Tritanopia**  
4289181637

# Trichromacy



**Original Color**  
4289638634

**Protanomaly**  
4289245675

**Deuteranomaly**  
4289442282

**Tritanomaly**  
4289377490

# Monochromacy



**Original Color**  
4289638634

**Achromatopsia**  
4290164406

**Achromatomaly**  
4289967305

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289638634 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(174, 176, 234)` looks like.

```
.text, #text, p{  
    color:rgb(174, 176, 234)  
}
```

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(174, 176, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 176, 234) }
```

## Border

The CSS property to change the border of an element to Android 4289638634 is called "border". The border property can be set on classes, ids or directly on the HTML element.

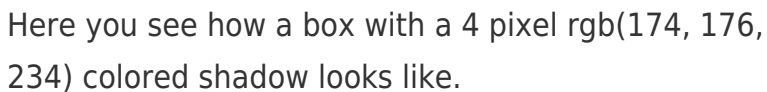
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(174, 176, 234) }
```

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

```
.border{ border-color:rgb(174, 176, 234) }
```

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



Here you see how a box with a 4 pixel `rgb(174, 176, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 176, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 176, 234); box-shadow:4px 4px 4px 4px rgb(174, 176, 234) }
```

# Background

The CSS property to change the background color of an element to Android 4289638634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 176, 234) }
```

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

```
.background{ background-color: rgb(174,  
176, 234) }
```

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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