

Converting Colors

Android(4290029533)

Have a look what the booklet for
Android(4290029533) contains.

Android(4290029533)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4290029533)

Conversions

Conversions Part 1

Format	Color
Hex	B4A7DD
RGB	180, 167, 221
RGB Percent	71%, 65%, 87%
CMY	0.2941, 0.3451, 0.1333
CMYK	0.19, 0.24, 0.00, 0.13
HSL	254°, 44%, 76%
HSV	254°, 24%, 87%
XYZ	45.6923, 42.5612, 74.2135
YIQ	177.0430, -9.5860, 19.5500

Conversions

Conversions Part 2

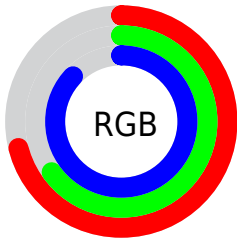
Format	Color
R _{YB}	180, 167, 221
Decimal	11839453
CIE _{Lab}	71.26, 15.58, -25.57
CIE _{LCh}	71, 29.942, 301.359
Y _{xy}	42.5612, 0.2812, 0.2620
Android (android.graphics.Color)	4290029533 (0xFFB4A7DD)
YUV	177.0430, 21.6708, 2.5933
Hunter-Lab	65.2389, 10.8503, -21.7789

Details

The Android color `4290029533` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `4291878311`, and the grayscale version is `4289835441`.

A 20% lighter version of the original color is `4293713663`, and `4286542758` is the 20% darker color. If you saturate the color by 10%, you get `4288909789`, and if you desaturate by 10%, it is `4291149277`.

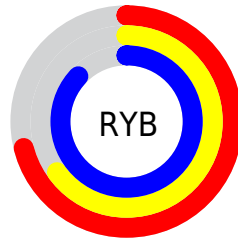
Distribution



Red (71%)

Green (65%)

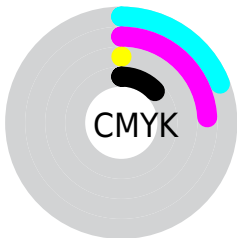
Blue (87%)



Red (71%)

Yellow (65%)

Blue (87%)

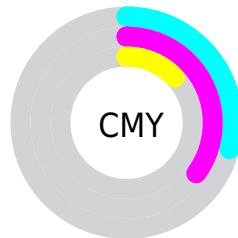


Cyan (19%)

Magenta (24%)

Yellow (0%)

Black (13%)



Cyan (29%)

Magenta (35%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290029533 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 4290029533 by changing the saturation by 10% instead.

 4290029533

 4290029533

4294967295

 4288253377

 4293713663

 4286542758

 4294966271

 4284832395

 4283188082

 4281609561

 4280096833

 4278845483

 4278190357

 4278190080

■ 4290029533

■ 4290029533

■ 4288909789

■ 4291149277

■ 4287790045

■ 4292269021

■ 4286735837

■ 4293323229

■ 4285616093

■ 4294442973

■ 4284496349

■ 4294967261

■ 4283376349

■ 4282322141

■ 4281663709

Harmonies

Analogous

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



4287476197



4290029533



4291993289

Triad

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



4290029533



4292322431



4284923567

Complementary

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



4290029533



4291878311

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.



4286888851



4290029533



4290882936

Square

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



4290029533



4293172371



4288918911



4284005834

Rectangle

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



4290029533



4292844472



4288918911



4285513125

Sweetspot

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



4290029533



4294045183



4289188061



4286084480



4278190080



4286611584

Same Dimension

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



4290029533



4291278335



4291799005



4284834670



4280942765



4278911022

Inverse Universe

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



4292716496



4294948333



4290108839



4285424491



4289527940



4281204771

Previews

White Background



This preview shows how the Android color 4290029533 looks on a white background.

Color Contrast Check

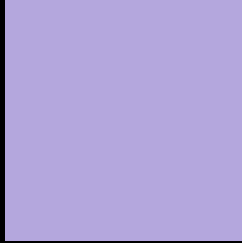
Large Text (above 18pt) WCAG AA × Fail

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 4290029533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

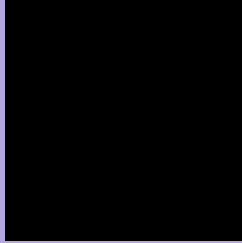
Any Text WCAG AA ✓ Pass

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 4290029533 Background



This preview shows how black text looks on a background with the Android color 4290029533.



This preview shows how white text looks on a background with the Android color 4290029533.

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
4290029533

Protanopia
4288785889

Deuteranopia
4289244124



Tritanopia
4289637819

Trichromacy



Original Color
4290029533

Protanomaly
4289244128

Deuteranomaly
4289506012

Tritanomaly
4289768391

Monochromacy



Original Color
4290029533

Achromatopsia
4289835441

Achromatomaly
4289899969

CSS Examples

Text

The CSS property to change the color of the text to Android 4290029533 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(180, 167, 221)` looks like.

```
.text, #text, p{  
    color:rgb(180, 167, 221)  
}
```

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(180, 167, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 167, 221) }
```

Border

The CSS property to change the border of an element to Android 4290029533 is called "border". The border property can be set on classes, ids or directly on the HTML element.

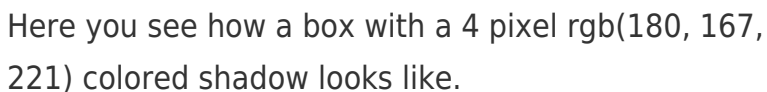
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 167, 221) }
```

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

```
.border{ border-color:rgb(180, 167, 221) }
```

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



Here you see how a box with a 4 pixel `rgb(180, 167, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 167, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 167, 221);  
box-shadow:4px 4px 4px 4px rgb(180, 167,  
221) }
```

Background

The CSS property to change the background color of an element to Android 4290029533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 167, 221) }
```

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

```
.background{ background-color: rgb(180,  
167, 221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor