

# Converting Colors

Android(4291996649)

Have a look what the booklet for  
Android(4291996649) contains.

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# **Color**

**Android(4291996649)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2ABE9
RGB	210, 171, 233
RGB Percent	82%, 67%, 91%
CMY	0.1765, 0.3294, 0.0863
CMYK	0.10, 0.27, 0.00, 0.09
HSL	278°, 58%, 79%
HSV	278°, 27%, 91%
XYZ	55.8492, 48.7107, 83.5493
YIQ	189.7290, 3.3420, 27.5500

# Conversions

## Conversions Part 2

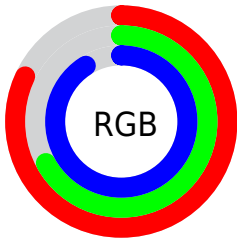
Format	Color
R <sub>Y</sub> B	210, 171, 233
Decimal	13806569
CIE Lab	75.27, 25.38, -25.74
CIE LCh	75, 36.147, 314.600
Yxy	48.7107, 0.2969, 0.2589
Android (android.graphics.Color)	4291996649 (0xFFD2ABE9)
YUV	189.7290, 21.3326, 17.7777
Hunter-Lab	69.7930, 20.7001, -22.1210

# Details

The Android color `4291996649` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `4290963883`, and the grayscale version is `4290690750`.

A 20% lighter version of the original color is `4294960127`, and `4288378545` is the 20% darker color. If you saturate the color by 10%, you get `4291400937`, and if you desaturate by 10%, it is `4292592361`.

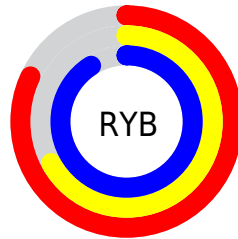
# Distribution



Red (82%)

Green (67%)

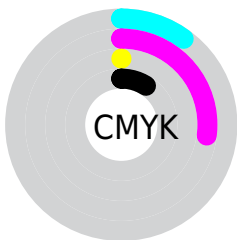
Blue (91%)



Red (82%)

Yellow (67%)

Blue (91%)

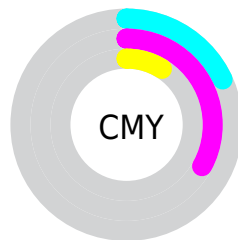


Cyan (10%)

Magenta (27%)

Yellow (0%)

Black (9%)



Cyan (18%)

Magenta (33%)


Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291996649 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 4291996649 by changing the saturation by 10% instead.



 4291996649

 4291996649

4294967295

 4290154701

 4294960127

 4288378545

 4286602646

 4284958076

 4283313763

 4281735243

 4280222260

 4278190110

 4278190081

4291996649

4291996649

4291400937

4292592361

4290870505

4293122793

4290274793

4293718505

4289679081

4294311913

4289148649

4294836201

4288552937

4294967273

4287957225

4287824105

# Harmonies

## Analogous

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



4289050618



4291996649



4293960396

# Triad

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



4291996649



4292850041



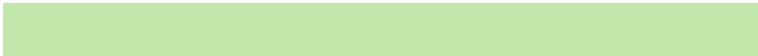
4283223241

# Complementary

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



4291996649



4290963883

# 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.



4285713063



4291996649



4290821496

# Square

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



4291996649



4294289292



4288333193



4282829287

# Rectangle

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



4291996649



4294615221



4288333193



4284009662



# Sweetspot

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



4291996649



4294437887



4289446889



4286280576



4278190080



4286611584



# Same Dimension

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



4291996649



4292980223



4293503970



4285622901



4285661365



4280418358



# Inverse Universe

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



4293503938



4294946252



4289456562



4285885038



4290052163

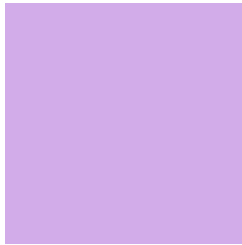


4281729044



# Previews

## White Background



This preview shows how the Android color 4291996649 looks on a white background.

## Color Contrast Check

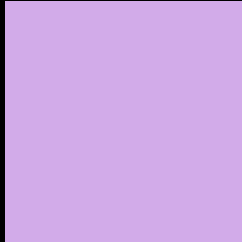
Large Text (above 18pt) WCAG AA × Fail

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 4291996649 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

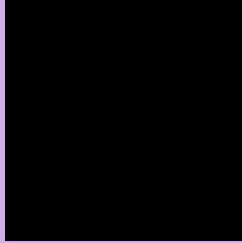
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291996649 Background



This preview shows how black text looks on a background with the Android color 4291996649.



This preview shows how white text looks on a background with the Android color 4291996649.

# 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**  
4291996649

**Protanopia**  
4289378290

**Deuteranopia**  
4290033383



**Tritanopia**  
4291605441

# Trichromacy



**Original Color**  
4291996649

**Protanomaly**  
4290360303

**Deuteranomaly**  
4290753256

**Tritanomaly**  
4291735760

# Monochromacy



**Original Color**  
4291996649

**Achromatopsia**  
4290690750

**Achromatomaly**  
4291147726

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291996649 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(210, 171, 233)` looks like.

```
.text, #text, p{  
    color:rgb(210, 171, 233)  
}
```

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(210, 171, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 171, 233) }
```

## Border

The CSS property to change the border of an element to Android 4291996649 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(210, 171, 233) }
```

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

```
.border{ border-color:rgb(210, 171, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 171, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 171, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 171, 233);  
box-shadow:4px 4px 4px 4px rgb(210, 171,  
233) }
```

# Background

The CSS property to change the background color of an element to Android 4291996649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 171, 233) }
```

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

```
.background{ background-color: rgb(210,  
171, 233) }
```

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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