

Converting Colors

Android(4289601249)

Have a look what the booklet for
Android(4289601249) contains.

Android(4289601249)	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(4289601249)

Conversions

Conversions Part 1

Format	Color
Hex	AE1EE1
RGB	174, 30, 225
RGB Percent	68%, 12%, 88%
CMY	0.3176, 0.8824, 0.1176
CMYK	0.23, 0.87, 0.00, 0.12
HSL	284°, 76%, 50%
HSV	284°, 87%, 88%
XYZ	31.5104, 15.3635, 72.5388
YIQ	95.2860, 23.2290, 91.1730

Conversions

Conversions Part 2

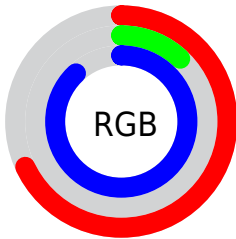
Format	Color
R_{YB}	174, 30, 225
Decimal	11411169
CIE _{Lab}	46.13, 78.26, -67.56
CIE _{LCh}	46, 103.386, 319.197
Yxy	15.3635, 0.2639, 0.1287
Android (android.graphics.Color)	4289601249 (0xFFAE1EE1)
YUV	95.2860, 63.9490, 69.0322
Hunter-Lab	39.1962, 74.9053, -82.2881

Details

The Android color `4289601249` is a dark color, and the websafe version is hex `9900CC`. The color can be described as middle washed purple. A complement of this color would be `4283556126`, and the grayscale version is `4284440415`.

A 20% lighter version of the original color is `4293550847`, and `4285726888` is the 20% darker color. If you saturate the color by 10%, you get `4289202401`, and if you desaturate by 10%, it is `4290000353`.

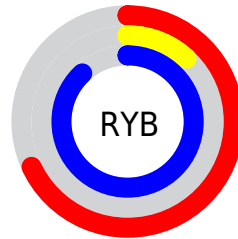
Distribution



Red (68%)

Green (12%)

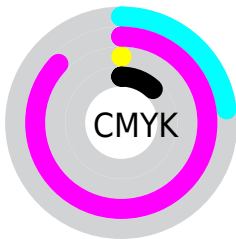
Blue (88%)



Red (68%)

Yellow (12%)

Blue (88%)

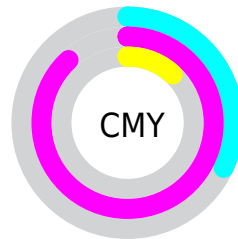


Cyan (23%)

Magenta (87%)

Yellow (0%)

Black (12%)



Cyan (32%)

Magenta (88%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Android color 4289601249 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 4289601249 by changing the saturation by 10% instead.

 4289601249

 4289601249

4294967295

 4287627460

 4293550847

 4285726888

 4294934527

 4283826317

 4294942207

 4281794675

 4294949631

 4279631961

 4294957055

 4278190145

 4294964735

 4278190889

 4278190356

 4278190080

■ 4289601249

■ 4289601249

■ 4289202401

■ 4290000353

■ 4289069281

■ 4290399201

■ 4290798305

■ 4291197153

■ 4291530721

■ 4291929569

■ 4292328673

■ 4292727521

■ 4293126625

Harmonies

Analogous

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



4278216447



4289601249



4293918865

Triad

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



4289601249



4288634624



4278226341

Complementary

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



4289601249



4283556126

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.



4278225738



4289601249



4283398656

Square

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



4289601249



4292418048



4278224384



4278226418

Rectangle

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



4289601249



4294574168



4278224384



4278226311

Sweetspot

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



4289601249



4293836287



4280177377



4285880448



4278190080



4286611584

Same Dimension

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



4289601249



4290511103



4292943539



4285359472



4286709936



4280549424

Inverse Universe

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



4292943441



4294901827



4280213836



4285556072



4289724462



4281335821

Previews

White Background



This preview shows how the Android color 4289601249 looks on a white background.

Color Contrast Check

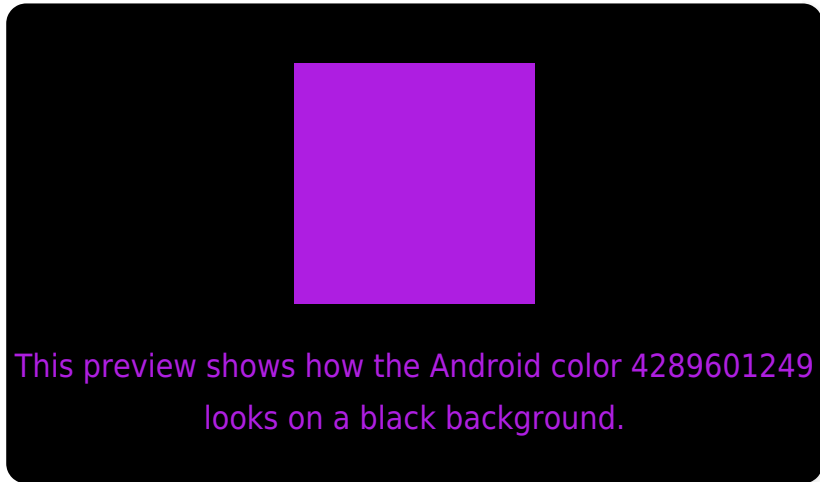
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4289601249 Background



This preview shows how black text looks on a background with the Android color 4289601249.



This preview shows how white text looks on a background with the Android color 4289601249.

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
4289601249

Protanopia
4278217440

Deuteranopia
4278218948

Trichromacy



Original Color

4289601249



Protanomaly

4282339040



Deuteranomaly

4282340047



Tritanomaly

4288824720

Monochromacy



Original Color

4289601249



Achromatopsia

4284440415



Achromatomaly

4286334862

CSS Examples

Text

The CSS property to change the color of the text to Android 4289601249 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, 30, 225)` looks like.

```
.text, #text, p{  
    color:rgb(174, 30, 225)  
}
```

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, 30, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 30, 225) }
```

Border

The CSS property to change the border of an element to Android 4289601249 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, 30, 225) }
```

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

```
.border{ border-color:rgb(174, 30, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 30, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 30, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 30, 225);  
box-shadow:4px 4px 4px 4px rgb(174, 30,  
225) }
```

Background

The CSS property to change the background color of an element to Android 4289601249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 30, 225) }
```

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

```
.background{ background-color: rgb(174, 30,  
225) }
```

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