

# Converting Colors

Android(4289735376)

Have a look what the booklet for  
Android(4289735376) contains.

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**Color**

**Android(4289735376)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B02AD0
RGB	176, 42, 208
RGB Percent	69%, 16%, 82%
CMY	0.3098, 0.8353, 0.1843
CMYK	0.15, 0.80, 0.00, 0.18
HSL	288°, 66%, 49%
HSV	288°, 80%, 82%
XYZ	30.1176, 15.4401, 61.0674
YIQ	100.9900, 26.5780, 80.0340

# Conversions

## Conversions Part 2

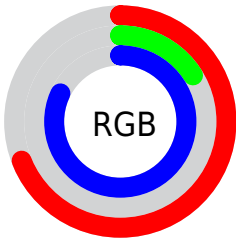
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	176, 42, 208
Decimal	11545296
CIE <sub>Lab</sub>	46.23, 72.64, -57.64
CIE <sub>LCh</sub>	46, 92.730, 321.568
Y <sub>xy</sub>	15.4401, 0.2825, 0.1448
Android (android.graphics.Color)	4289735376 (0xFFB02AD0)
YUV	100.9900, 52.7559, 65.7838
Hunter-Lab	39.2939, 68.0507, -64.6380

# Details

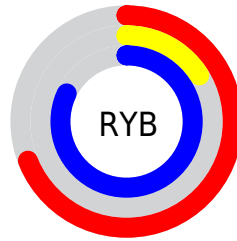
The Android color `4289735376` is a dark color, and the websafe version is hex `9933CC`. The color can be described as middle washed purple. A complement of this color would be `4283093034`, and the grayscale version is `4284769380`.

A 20% lighter version of the original color is `4293617919`, and `4285923481` is the 20% darker color. If you saturate the color by 10%, you get `4289467856`, and if you desaturate by 10%, it is `4290002896`.

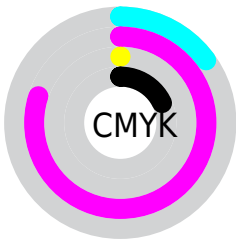
# Distribution



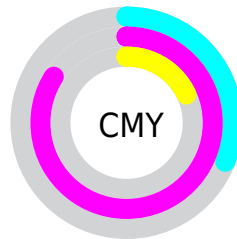
- Red (69%)
- Green (16%)
- Blue (82%)



- Red (69%)
- Yellow (16%)
- Blue (82%)



- Cyan (15%)
- Magenta (80%)
- Yellow (0%)
- Black (18%)



- Cyan (31%)
- Magenta (84%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289735376 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 4289735376 by changing the saturation by 10% instead.



 4289735376

 4289735376

4294967295

 4287824052

 4293617919

 4285923481

 4294936063

 4284088446

 4294943487

 4282187876

 4294950911

 4280352843

 4294958335

 4278190131

 4294966015

 4278190621

 4278190080

 4289735376

 4289735376

■ 4289467856

■ 4290002896

■ 4289200336

■ 4290270416

■ 4290537680

■ 4290805200

■ 4291072720

■ 4291340240

■ 4291607760

■ 4291875024

■ 4292142544

# Harmonies

## Analogous

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



4278215935



4289735376



4293263495

# Triad

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



4289735376



4288176896



4278226085

# Complementary

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



4289735376



4283093034

# 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.



4278225492



4289735376



4283398656

# Square

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



4289735376



4291638272



4278224128



4278225640

# Rectangle

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



4289735376



4293787732



4278224128



4278225803



# Sweetspot

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



4289735376



4294165247



4280962000



4286077824



4278190080



4286611584



# Same Dimension

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



4289735376



4291824383



4291832478



4284964457



4287103144



4280352809



# Inverse Universe

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



4291832394



4294904377



4280995932



4285095520



4289200160

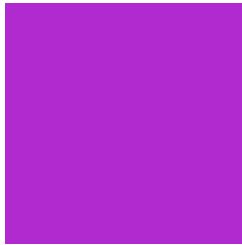


4280877064



# Previews

## White Background



This preview shows how the Android color 4289735376 looks on a white background.

## Color Contrast Check

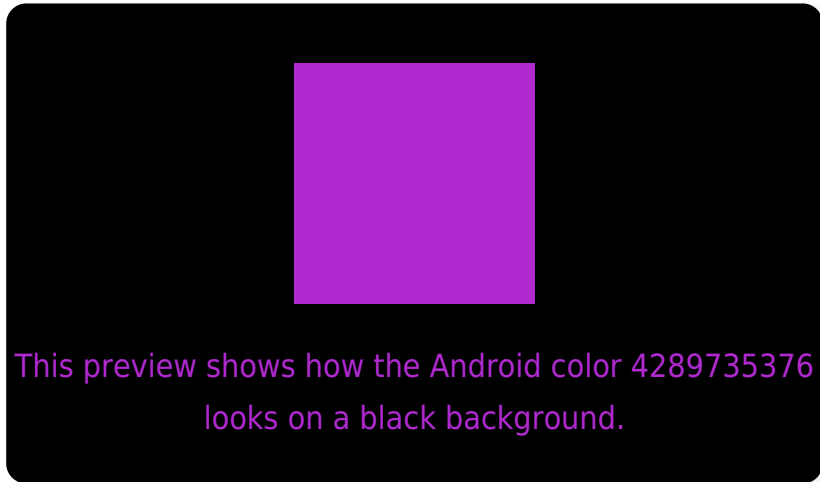
Large Text (above 18pt) WCAG AA ✓ Pass

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

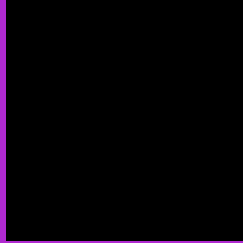
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4289735376 Background



This preview shows how black text looks on a background with the Android color 4289735376.



This preview shows how white text looks on a background with the Android color 4289735376.

# 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**  
4289735376

**Protanopia**  
4278217441

**Deuteranopia**  
4279857349



# Trichromacy



**Original Color**

4289735376



**Protanomaly**

4282405851



**Deuteranomaly**

4283455433



**Tritanomaly**

4289087368

# Monochromacy



**Original Color**

4289735376



**Achromatopsia**

4284835173



**Achromatomaly**

4286599308

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289735376 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, 42, 208)` looks like.

```
.text, #text, p{  
    color:rgb(176, 42, 208)  
}
```

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, 42, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 42, 208) }
```

## Border

The CSS property to change the border of an element to Android 4289735376 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, 42, 208) }
```

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

```
.border{ border-color:rgb(176, 42, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 42, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 42, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 42, 208);  
box-shadow:4px 4px 4px 4px rgb(176, 42,  
208) }
```

# Background

The CSS property to change the background color of an element to Android 4289735376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 42, 208) }
```

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

```
.background{ background-color: rgb(176, 42,  
208) }
```

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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