

# Converting Colors

Android(4289349835)

Have a look what the booklet for  
Android(4289349835) contains.

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# Color

**Android(4289349835)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA48CB
RGB	170, 72, 203
RGB Percent	67%, 28%, 80%
CMY	0.3333, 0.7176, 0.2039
CMYK	0.16, 0.65, 0.00, 0.20
HSL	285°, 56%, 54%
HSV	285°, 65%, 80%
XYZ	29.6744, 17.4926, 58.3123
YIQ	116.2360, 16.3570, 61.5170

# Conversions

## Conversions Part 2

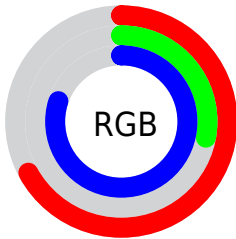
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	170, 72, 203
Decimal	11159755
CIE <sub>Lab</sub>	48.87, 59.56, -50.56
CIE <sub>LCh</sub>	49, 78.131, 319.672
Yxy	17.4926, 0.2813, 0.1658
Android (android.graphics.Color)	4289349835 (0xFFAA48CB)
YUV	116.2360, 42.7747, 47.1510
Hunter-Lab	41.8241, 53.4544, -53.3868

# Details

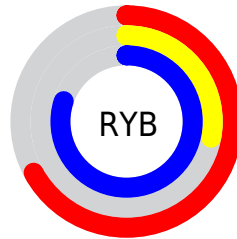
The Android color `4289349835` is a dark color, and the websafe version is hex `9933CC`. The color can be described as middle muted purple. A complement of this color would be `4285123400`, and the grayscale version is `4285822068`.

A 20% lighter version of the original color is `4293165055`, and `4285662356` is the 20% darker color. If you saturate the color by 10%, you get `4289017035`, and if you desaturate by 10%, it is `4289682635`.

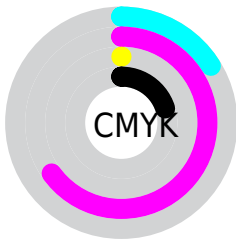
# Distribution



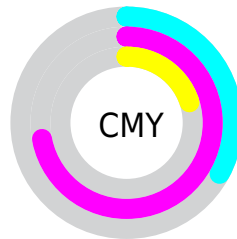
- Red (67%)
- Green (28%)
- Blue (80%)



- Red (67%)
- Yellow (28%)
- Blue (80%)



- Cyan (16%)
- Magenta (65%)
- Yellow (0%)
- Black (20%)



- Cyan (33%)
- Magenta (72%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289349835 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 4289349835 by changing the saturation by 10% instead.



 4289349835

 4289349835

4294967295

 4287507375

 4293165055

 4285662356

 4294941439

 4283826298

 4294948607

 4282056800

 4294956031

 4280483912

 4294963455

 4278190128

 4278190362

 4278190080

 4289349835

 4289349835

■ 4289017035

■ 4289682635

■ 4288683979

■ 4290015691

■ 4288351179

■ 4290348491

■ 4288151755

■ 4290681291

■ 4291079883

■ 4291412683

■ 4291745483

■ 4292078283

■ 4292411339

# Harmonies

## Analogous

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



4279070195



4289349835



4292612494

# Triad

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



4289349835



4288702720



4278227103

# Complementary

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



4289349835



4285123400

# 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.



4278226522



4289349835



4284775936

# Square

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



4289349835



4291643136



4278225158



4278226393

# Rectangle

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



4289349835



4293197922



4278225158



4278227081



# Sweetspot

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



4289349835



4294168575



4282936267



4286079616



4278190080



4286611584



# Same Dimension

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



4289349835



4291705855



4291512492



4284701798



4286316710



4280090662



# Inverse Universe

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



4291512425



4294916972



4282960743



4284898398



4289069098



4280680458



# Previews

## White Background



This preview shows how the Android color 4289349835 looks on a white background.

## Color Contrast Check

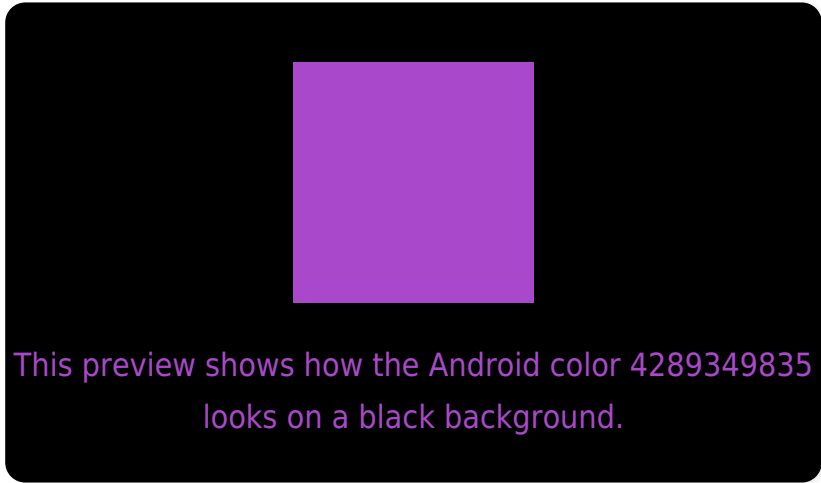
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4289349835 Background



This preview shows how black text looks on a background with the Android color 4289349835.



This preview shows how white text looks on a background with the Android color 4289349835.

# 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**  
4289349835

**Protanopia**  
4278218991

**Deuteranopia**  
4282348995



# Trichromacy



**Original Color**

4289349835



**Protanomaly**

4282278370



**Deuteranomaly**

4284900806



**Tritanomaly**

4288764559

# Monochromacy



**Original Color**

4289349835



**Achromatopsia**

4285822068



**Achromatomaly**

4287128724

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289349835 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(170, 72, 203)` looks like.

```
.text, #text, p{  
    color:rgb(170, 72, 203)  
}
```

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(170, 72, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 72, 203) }
```

## Border

The CSS property to change the border of an element to Android 4289349835 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(170, 72, 203) }
```

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

```
.border{ border-color:rgb(170, 72, 203) }
```

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

Here you see how a box with a 4 pixel rgb(170, 72, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 72, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 72, 203);  
box-shadow:4px 4px 4px 4px rgb(170, 72,  
203) }
```

# Background

The CSS property to change the background color of an element to Android 4289349835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 72, 203) }
```

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

```
.background{ background-color: rgb(170, 72,  
203) }
```

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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