

Converting Colors

Android(4289099451)

Have a look what the booklet for
Android(4289099451) contains.

Android(4289099451)	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(4289099451)

Conversions

Conversions Part 1

Format	Color
Hex	A676BB
RGB	166, 118, 187
RGB Percent	65%, 46%, 73%
CMY	0.3490, 0.5373, 0.2667
CMYK	0.11, 0.37, 0.00, 0.27
HSL	282°, 34%, 60%
HSV	282°, 37%, 73%
XYZ	31.1740, 24.6517, 50.1289
YIQ	140.2180, 6.4590, 31.6350

Conversions

Conversions Part 2

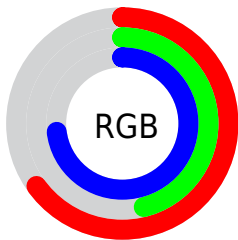
Format	Color
R _Y B	166, 118, 187
Decimal	10909371
CIE _{Lab}	56.73, 31.31, -29.03
CIE _{LCh}	57, 42.693, 317.161
Y _{xy}	24.6517, 0.2942, 0.2327
Android (android.graphics.Color)	4289099451 (0xFFA676BB)
YUV	140.2180, 23.0635, 22.6108
Hunter-Lab	49.6505, 25.1861, -25.1060

Details

The Android color `4289099451` is a light color, and the websafe version is hex `996699`. A complement of this color would be `4287347574`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4292783091`, and `4285613189` is the 20% darker color. If you saturate the color by 10%, you get `4288701371`, and if you desaturate by 10%, it is `4289497531`.

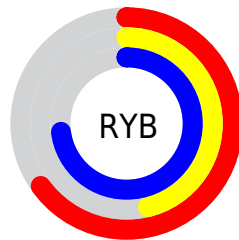
Distribution



Red (65%)

Green (46%)

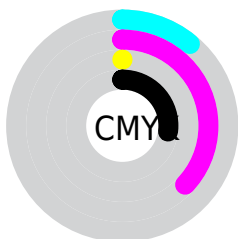
Blue (73%)



Red (65%)

Yellow (46%)

Blue (73%)

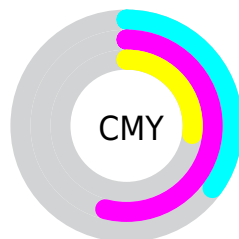


Cyan (11%)

Magenta (37%)

Yellow (0%)

Black (27%)



Cyan (35%)

Magenta (54%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Android color 4289099451 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 4289099451 by changing the saturation by 10% instead.

 4289099451

 4289099451

4294967295

 4287323552

 4292783091

 4285613189

 4294690559

 4283903340

 4294960127

 4282324563

 4280746044

 4279173158

 4278190350

 4278190080

 4289099451

 4289099451

 4288701371

 4289497531

 4288369083

 4289829819

 4287971003

 4290227899

 4287572923

 4290625979

 4287240635

 4290958523

 4286842555

 4291356347

 4286709947

 4291754427

 4292149179

 4292476859

Harmonies

Analogous

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



4285629903



4289099451



4291128218

Triad

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



4289099451



4289495102



4278229917

Complementary

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



4289099451



4287347574

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.



4279933558



4289099451



4287204670

Square

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



4289099451



4291064659



4284454228



4278229182

Rectangle

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



4289099451



4291717505



4284454228



4278229904

Sweetspot

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



4289099451



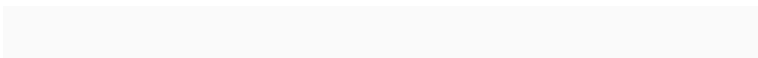
4293581042



4285959355



4285950586



4294638330



4286216826

Same Dimension

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



4289099451



4291987698



4290475694



4284175710



4285399198



4279566367

Inverse Universe

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



4290475659



4294084776



4285971331



4284372312



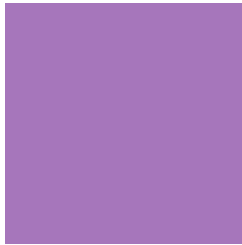
4288544816



4280221705

Previews

White Background



This preview shows how the Android color 4289099451 looks on a white background.

Color Contrast Check

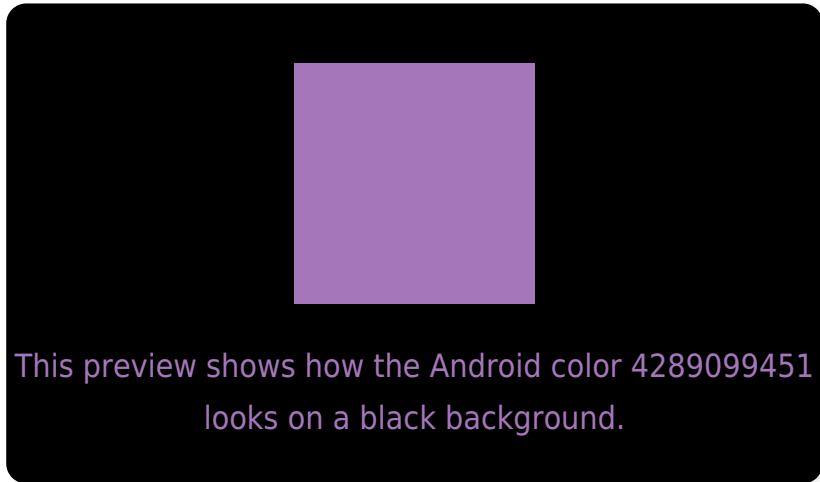
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

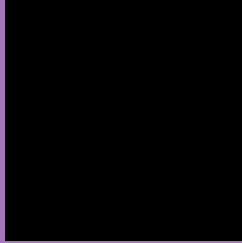
Any Text WCAG AA ✓ Pass

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 4289099451 Background



This preview shows how black text looks on a background with the Android color 4289099451.




This preview shows how white text looks on a background with the Android color 4289099451.

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





Tritanopia
4288643210

Trichromacy



Original Color
4289099451

Protanomaly
4287004867

Deuteranomaly
4287332537

Tritanomaly
4288838812

Monochromacy



Original Color
4289099451

Achromatopsia
4287401100

Achromatomaly
4287988893

CSS Examples

Text

The CSS property to change the color of the text to Android 4289099451 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(166, 118, 187)` looks like.

```
.text, #text, p{  
    color:rgb(166, 118, 187)  
}
```

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(166, 118, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 118, 187) }
```

Border

The CSS property to change the border of an element to Android 4289099451 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(166, 118, 187) }
```

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

```
.border{ border-color:rgb(166, 118, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 118, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 118, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 118, 187);  
box-shadow:4px 4px 4px 4px rgb(166, 118,  
187) }
```

Background

The CSS property to change the background color of an element to Android 4289099451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 118, 187) }
```

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

```
.background{ background-color: rgb(166,  
118, 187) }
```

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