

Converting Colors

Android(4287917997)

Have a look what the booklet for
Android(4287917997) contains.

Android(4287917997)	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(4287917997)

Conversions

Conversions Part 1

Format	Color
Hex	946FAD
RGB	148, 111, 173
RGB Percent	58%, 44%, 68%
CMY	0.4196, 0.5647, 0.3216
CMYK	0.14, 0.36, 0.00, 0.32
HSL	276°, 27%, 56%
HSV	276°, 36%, 68%
XYZ	25.4400, 20.6819, 42.1863
YIQ	129.1310, 2.1500, 27.1260

Conversions

Conversions Part 2

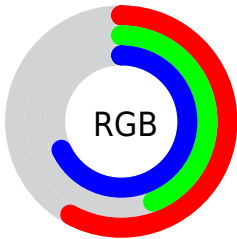
Format	Color
R _Y B	148, 111, 173
Decimal	9727917
CIE _{Lab}	52.60, 26.54, -27.53
CIE _{LCh}	53, 38.238, 313.953
Yxy	20.6819, 0.2881, 0.2342
Android (android.graphics.Color)	4287917997 (0xFF946FAD)
YUV	129.1310, 21.6274, 16.5481
Hunter-Lab	45.4774, 20.2674, -23.1652

Details

The Android color `4287917997` is a dark color, and the websafe version is hex `996699`. A complement of this color would be `4287147375`, and the grayscale version is `4286677377`.

A 20% lighter version of the original color is `4291535845`, and `4284497528` is the 20% darker color. If you saturate the color by 10%, you get `4287454893`, and if you desaturate by 10%, it is `4288381101`.

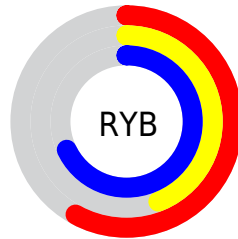
Distribution



Red (58%)

Green (44%)

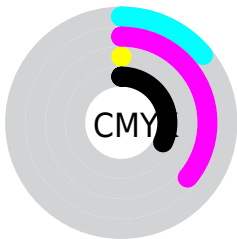
Blue (68%)



Red (58%)

Yellow (44%)

Blue (68%)

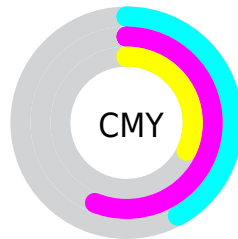


Cyan (14%)

Magenta (36%)

Yellow (0%)

Black (32%)



Cyan (42%)

Magenta (56%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287917997 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 4287917997 by changing the saturation by 10% instead.

 4287917997

 4287917997

4294967295

 4286207634

 4291535845

 4284497528

 4293377791

 4282853471

 4294957823

 4281340487

 4294965247

 4279959601

 4278190363

 4278190080

 4287917997

 4287917997

 4287454893

 4288381101

4286991533

4288844461

4286528429

4289307565

4286065325

4289770669

4285602221

4290234029

4285138861

4290697133

4284940461

4291160237

4291623341

4292083629

Harmonies

Analogous

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



4284710077



4287917997



4289815953

Triad

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



4287917997



4288705854



4278226572

Complementary

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



4287917997



4287147375

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.



4281109866



4287917997



4286742844

Square

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



4287917997



4290079313



4284385613



4278226090

Rectangle

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



4287917997



4290404986



4284385613



4278226561

Sweetspot

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



4287917997



4292266208



4285499821



4285162096



4293980400



4285558896

Same Dimension

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



4287917997



4290347232



4289556392



4283649623



4284088470



4279107607

Inverse Universe

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



4289556360



4292903079



4285508980



4283911762



4288020541



4279697417

Previews

White Background



This preview shows how the Android color 4287917997 looks on a white background.

Color Contrast Check

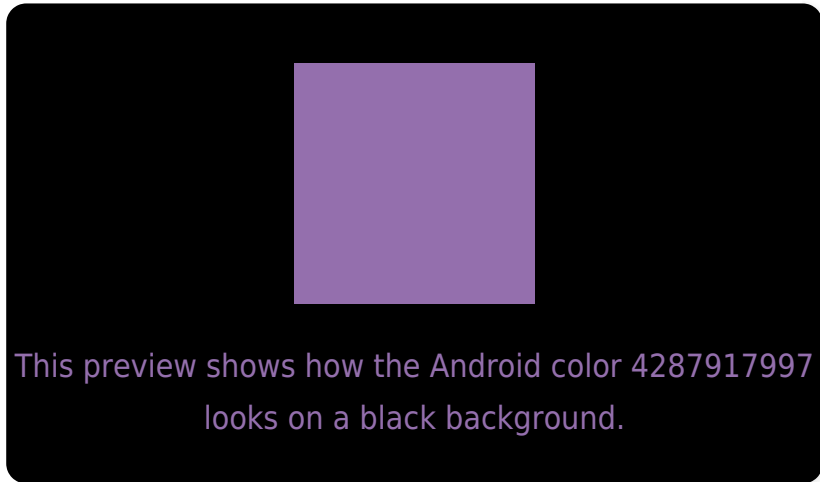
Large Text (above 18pt) WCAG AA ✓ Pass

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 4287917997 Background



This preview shows how black text looks on a background with the Android color 4287917997.



This preview shows how white text looks on a background with the Android color 4287917997.

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



Trichromacy



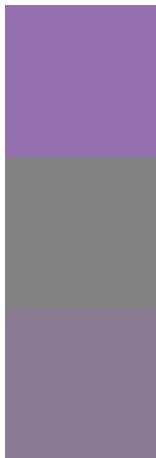
Original Color
4287917997

Protanomaly
4286150579

Deuteranomaly
4286478251

Tritanomaly
4287657361

Monochromacy



Original Color
4287917997

Achromatopsia
4286677377

Achromatomaly
4287134353

CSS Examples

Text

The CSS property to change the color of the text to Android 4287917997 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(148, 111, 173)` looks like.

```
.text, #text, p{  
    color:rgb(148, 111, 173)  
}
```

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(148, 111, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 111, 173) }
```

Border

The CSS property to change the border of an element to Android 4287917997 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(148, 111, 173) }
```

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

```
.border{ border-color:rgb(148, 111, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 111, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 111, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 111, 173);  
box-shadow:4px 4px 4px 4px rgb(148, 111,  
173) }
```

Background

The CSS property to change the background color of an element to Android 4287917997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 111, 173) }
```

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

```
.background{ background-color: rgb(148,  
111, 173) }
```

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