

Converting Colors

Android(4288571298)

Have a look what the booklet for
Android(4288571298) contains.

Android(4288571298)	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(4288571298)

Conversions

Conversions Part 1

Format	Color
Hex	9E67A2
RGB	158, 103, 162
RGB Percent	62%, 40%, 64%
CMY	0.3804, 0.5961, 0.3647
CMYK	0.02, 0.36, 0.00, 0.36
HSL	296°, 24%, 52%
HSV	296°, 36%, 64%
XYZ	25.4724, 19.5782, 36.6189
YIQ	126.1710, 13.8410, 30.0090

Conversions

Conversions Part 2

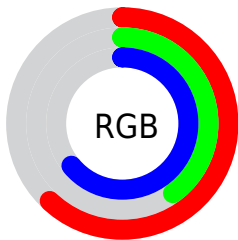
Format	Color
R_{YB}	158, 103, 162
Decimal	10381218
CIE _{Lab}	51.36, 32.03, -22.95
CIE _{LCh}	51, 39.406, 324.378
Yxy	19.5782, 0.3119, 0.2397
Android (android.graphics.Color)	4288571298 (0xFF9E67A2)
YUV	126.1710, 17.6637, 27.9140
Hunter-Lab	44.2473, 25.3265, -18.0950

Details

The Android color `4288571298` is a dark color, and the websafe version is hex `996699`. A complement of this color would be `4285244007`, and the grayscale version is `4286479998`.

A 20% lighter version of the original color is `4292254681`, and `4285085294` is the 20% darker color. If you saturate the color by 10%, you get `4288501666`, and if you desaturate by 10%, it is `4288640930`.

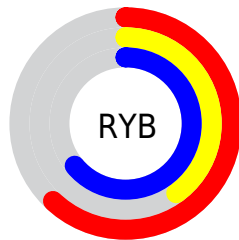
Distribution



Red (62%)

Green (40%)

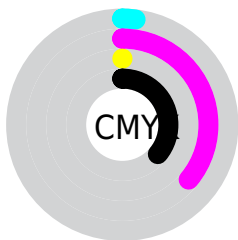
Blue (64%)



Red (62%)

Yellow (40%)

Blue (64%)

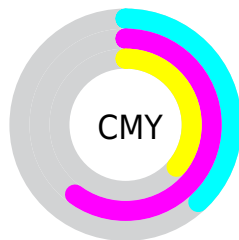


Cyan (2%)

Magenta (36%)

Yellow (0%)

Black (36%)



Cyan (38%)

Magenta (60%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288571298 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 4288571298 by changing the saturation by 10% instead.

 4288571298

 4288571298

4294967295

 4286795400

 4292254681

 4285085294

 4294096630

 4283440982

 4294955775

 4281861694

 4294963199

 4280549416

 4278190354

 4278190080

 4288571298

 4288571298

 4288501666

 4288640930

4288432034

4288710562

4288362146

4288780450

4288292514

4288850082

4288222882

4288919714

4288087714

4289054882

4288086178

4289124514

4289194402

4289264034

Harmonies

Analogous

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



4285756600



4288571298



4290076546

Triad

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



4288571298



4287919670



4278225813

Complementary

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



4288571298



4285244007

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.



4278225779



4288571298



4285759803

Square

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



4288571298



4289555013



4283074642



4278225072

Rectangle

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



4288571298



4290403947



4283074642



4278226058

Sweetspot

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



4288571298



4292000980



4284968098



4285160811



4293651435



4285229931

Same Dimension

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



4288571298



4291655636



4288833417



4283517266



4287037585



4279304210

Inverse Universe

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



4288833387



4292114301



4284981888



4283582794



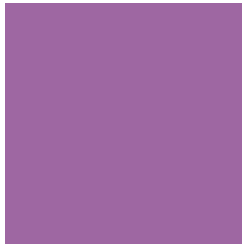
4287692810



4279369729

Previews

White Background



This preview shows how the Android color 4288571298 looks on a white background.

Color Contrast Check

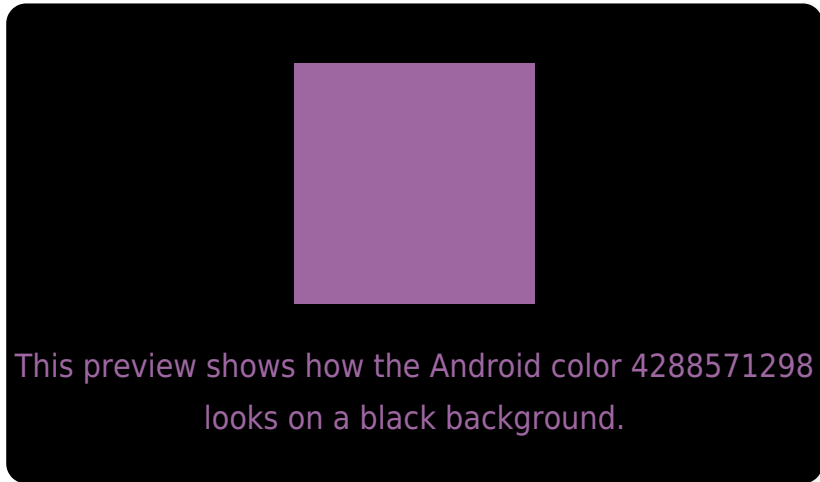
Large Text (above 18pt) WCAG AA ✓ Pass

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 4288571298 Background



This preview shows how black text looks on a background with the Android color 4288571298.




This preview shows how white text looks on a background with the Android color 4288571298.

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
4288180344

Trichromacy



Original Color
4288571298

Protanomaly
4286345899

Deuteranomaly
4286804640

Tritanomaly
4288310663

Monochromacy



Original Color
4288571298

Achromatopsia
4286479998

Achromatomaly
4287264395

CSS Examples

Text

The CSS property to change the color of the text to Android 4288571298 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(158, 103, 162)` looks like.

```
.text, #text, p{  
    color:rgb(158, 103, 162)  
}
```

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(158, 103, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 103, 162) }
```

Border

The CSS property to change the border of an element to Android 4288571298 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(158, 103, 162) }
```

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

```
.border{ border-color:rgb(158, 103, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 103, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 103, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 103, 162); box-shadow:4px 4px 4px 4px rgb(158, 103, 162) }
```

Background

The CSS property to change the background color of an element to Android 4288571298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 103, 162) }
```

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

```
.background{ background-color: rgb(158,  
103, 162) }
```

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