

Converting Colors

Android(4288251842)

Have a look what the booklet for
Android(4288251842) contains.

Android(4288251842)	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(4288251842)

Conversions

Conversions Part 1

Format	Color
Hex	9987C2
RGB	153, 135, 194
RGB Percent	60%, 53%, 76%
CMY	0.4000, 0.4706, 0.2392
CMYK	0.21, 0.30, 0.00, 0.24
HSL	258°, 33%, 65%
HSV	258°, 30%, 76%
XYZ	31.5384, 27.9953, 54.7803
YIQ	147.1080, -8.2110, 22.1650

Conversions

Conversions Part 2

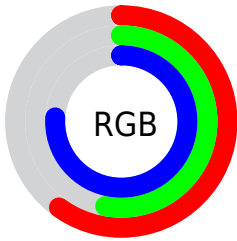
Format	Color
RYB	153, 135, 194
Decimal	10061762
CIELab	59.88, 19.07, -28.23
CIELCh	60, 34.069, 304.032
Yxy	27.9953, 0.2759, 0.2449
Android (android.graphics.Color)	4288251842 (0xFF9987C2)
YUV	147.1080, 23.1178, 5.1673
Hunter-Lab	52.9106, 13.8051, -24.3478

Details

The Android color `4288251842` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `4289774215`, and the grayscale version is `4287861651`.

A 20% lighter version of the original color is `4291869947`, and `4284831116` is the 20% darker color. If you saturate the color by 10%, you get `4287395010`, and if you desaturate by 10%, it is `4289108674`.

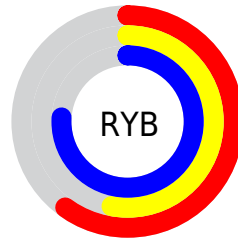
Distribution



Red (60%)

Green (53%)

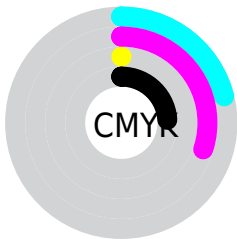
Blue (76%)



Red (60%)

Yellow (53%)

Blue (76%)

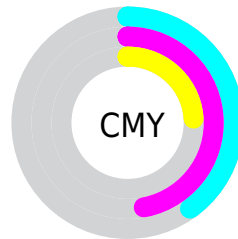


Cyan (21%)

Magenta (30%)

Yellow (0%)

Black (24%)



Cyan (40%)

Magenta (47%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288251842 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 4288251842 by changing the saturation by 10% instead.



4288251842



4288251842

4294967295



4286541479



4291869947



4284831116



4293777663



4283186802



4294964735



4281608282



4280030018



4278845484



4278190358



4278190080



4288251842



4288251842

4287395010

4289108674

4286472386

4290031298

4285615554

4290888130

4284692930

4291810754

4283836098

4292667586

4282913730

4293589954

4282056898

4294442946

4294967234

Harmonies

Analogous

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



4285240012



4288251842



4290346411

Triad

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



4288251842



4290348379



4281376915

Complementary

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



4288251842



4289774215

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.



4284259957



4288251842



4288712788

Square

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



4288251842



4291329136



4286617693



4278230961

Rectangle

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



4288251842



4291197336



4286617693



4282425481

Sweetspot

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



4288251842



4293781244



4287082690



4285952384



4278190080



4286611584

Same Dimension

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



4288251842



4290618108



4290152386



4284110689



4281401505



4278845473

Inverse Universe

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



4290938800



4294746849



4287873671



4284569438



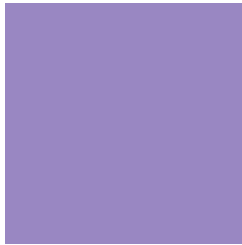
4288741488



4280352791

Previews

White Background



This preview shows how the Android color 4288251842 looks on a white background.

Color Contrast Check

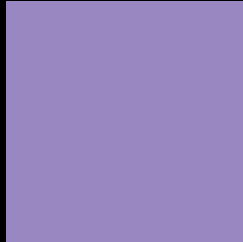
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Android color 4288251842 looks on a 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 4288251842 Background



This preview shows how black text looks on a background with the Android color 4288251842.



This preview shows how white text looks on a background with the Android color 4288251842.

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


4288251842

Protanopia

4286549704

Deuteranopia

4286877377



Tritanopia
4287795098

Trichromacy



Original Color
4288251842

Protanomaly
4287138758

Deuteranomaly
4287400897

Tritanomaly
4287990953

Monochromacy



Original Color
4288251842

Achromatopsia
4287861651

Achromatomaly
4287991716

CSS Examples

Text

The CSS property to change the color of the text to Android 4288251842 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(153, 135, 194)` looks like.

```
.text, #text, p{  
    color:rgb(153, 135, 194)  
}
```

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(153, 135, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 135, 194) }
```

Border

The CSS property to change the border of an element to Android 4288251842 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(153, 135, 194) }
```

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

```
.border{ border-color:rgb(153, 135, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 135, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 135, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 135, 194);  
box-shadow:4px 4px 4px 4px rgb(153, 135,  
194) }
```

Background

The CSS property to change the background color of an element to Android 4288251842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 135, 194) }
```

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

```
.background{ background-color: rgb(153,  
135, 194) }
```

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