

Converting Colors

Android(4291378344)

Have a look what the booklet for
Android(4291378344) contains.

Android(4291378344)	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(4291378344)

Conversions

Conversions Part 1

Format	Color
Hex	C93CA8
RGB	201, 60, 168
RGB Percent	79%, 24%, 66%
CMY	0.2118, 0.7647, 0.3412
CMYK	0.00, 0.70, 0.16, 0.21
HSL	314°, 57%, 51%
HSV	314°, 70%, 79%
XYZ	32.7711, 18.4764, 38.8849
YIQ	114.4710, 49.3680, 63.4800

Conversions

Conversions Part 2

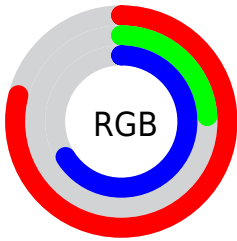
Format	Color
R_{YB}	201, 60, 168
Decimal	13188264
CIE _{Lab}	50.07, 65.83, -27.98
CIE _{LCh}	50, 71.529, 336.969
Yxy	18.4764, 0.3636, 0.2050
Android (android.graphics.Color)	4291378344 (0xFFC93CA8)
YUV	114.4710, 26.3898, 75.8859
Hunter-Lab	42.9842, 60.8662, -23.5467

Details

The Android color `4291378344` is a dark color, and the websafe version is hex `CC3399`. The color can be described as middle muted rose. A complement of this color would be `4282173789`, and the grayscale version is `4285690482`.

A 20% lighter version of the original color is `4294932447`, and `4287561844` is the 20% darker color. If you saturate the color by 10%, you get `4291373219`, and if you desaturate by 10%, it is `4291383469`.

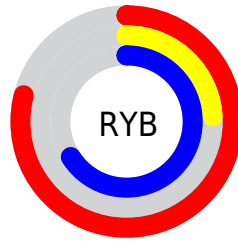
Distribution



Red (79%)

Green (24%)

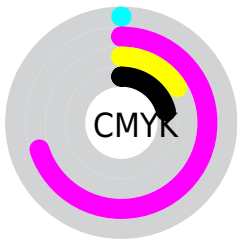
Blue (66%)



Red (79%)

Yellow (24%)

Blue (66%)

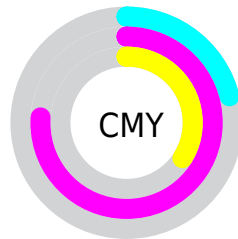


Cyan (0%)

Magenta (70%)

Yellow (16%)

Black (21%)



Cyan (21%)

Magenta (76%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291378344 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 4291378344 by changing the saturation by 10% instead.



4291378344



4291378344

4294967295



4289468301



4294932447



4287561844



4294939644



4285726811



4294947071



4283891779



4294954495



4282253357



4294961919



4280287255



4278190080



4291378344



4291378344



4291373219



4291383469

■ 4291368095

■ 4291388593

■ 4291362970

■ 4291393718

■ 4291398843

■ 4291404224

■ 4291409348

■ 4291414473

■ 4291419598

■ 4291424722

Harmonies

Analogous

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



4287061977



4291378344



4292880492

Triad

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



4291378344



4286871808



4278227391

Complementary

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



4291378344



4282173789

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.



4278227332



4291378344



4282418944

Square

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



4291378344



4290077184



4278226756



4278225640

Rectangle

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



4291378344



4292687684



4278226756



4278227373

Sweetspot

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



4291378344



4294953458



4284300489



4286603384



4278190080



4286611584

Same Dimension

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



4291378344



4294912461



4291378274



4284701281



4288872573



4280549403

Inverse Universe

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



4291378344



4294912461



4282173859



4284701281



4288872573



4280549403

Previews

White Background



This preview shows how the Android color 4291378344 looks on a white background.

Color Contrast Check

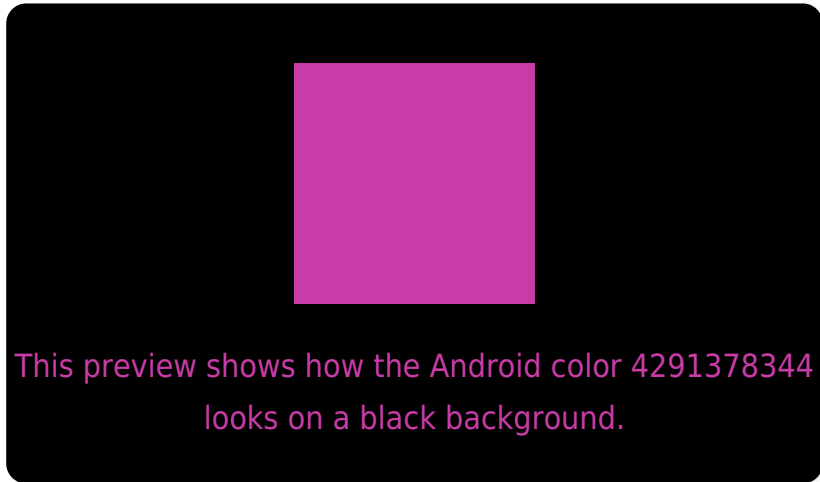
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291378344 Background



This preview shows how black text looks on a background with the Android color 4291378344.



This preview shows how white text looks on a background with the Android color 4291378344.

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
4291378344

Protanopia
4283004375

Deuteranopia
4285363872

Trichromacy



Original Color

4291378344



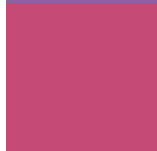
Protanomaly

4286079174



Deuteranomaly

4287521187



Tritanomaly

4291119990

Monochromacy



Original Color

4291378344



Achromatopsia

4285690482



Achromatomaly

4287782534

CSS Examples

Text

The CSS property to change the color of the text to Android 4291378344 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(201, 60, 168)` looks like.

```
.text, #text, p{  
    color:rgb(201, 60, 168)  
}
```

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(201, 60, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 60, 168) }
```

Border

The CSS property to change the border of an element to Android 4291378344 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(201, 60, 168) }
```

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

```
.border{ border-color:rgb(201, 60, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 60, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 60, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 60, 168);  
box-shadow:4px 4px 4px 4px rgb(201, 60,  
168) }
```

Background

The CSS property to change the background color of an element to Android 4291378344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 60, 168) }
```

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

```
.background{ background-color: rgb(201, 60,  
168) }
```

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