

Converting Colors

Android(4291463087)

Have a look what the booklet for
Android(4291463087) contains.

Android(4291463087)	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(4291463087)

Conversions

Conversions Part 1

Format	Color
Hex	CA87AF
RGB	202, 135, 175
RGB Percent	79%, 53%, 69%
CMY	0.2078, 0.4706, 0.3137
CMYK	0.00, 0.33, 0.13, 0.21
HSL	324°, 39%, 66%
HSV	324°, 33%, 79%
XYZ	40.7590, 32.9796, 44.7749
YIQ	159.5930, 27.0920, 26.6440

Conversions

Conversions Part 2

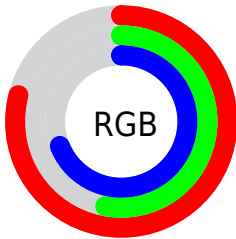
Format	Color
RYB	202, 135, 175
Decimal	13273007
CIELab	64.14, 31.60, -10.55
CIELCh	64, 33.313, 341.543
Yxy	32.9796, 0.3439, 0.2783
Android (android.graphics.Color)	4291463087 (0xFFCA87AF)
YUV	159.5930, 7.5957, 37.1909
Hunter-Lab	57.4279, 26.1900, -6.0272

Details

The Android color `4291463087` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `4287089314`, and the grayscale version is `4288716960`.

A 20% lighter version of the original color is `4294950375`, and `4287845499` is the 20% darker color. If you saturate the color by 10%, you get `4291457959`, and if you desaturate by 10%, it is `4291468215`.

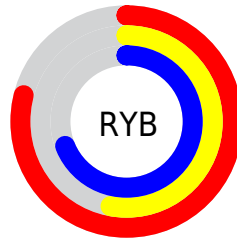
Distribution



Red (79%)

Green (53%)

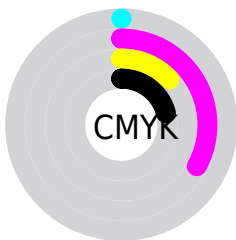
Blue (69%)



Red (79%)

Yellow (53%)

Blue (69%)

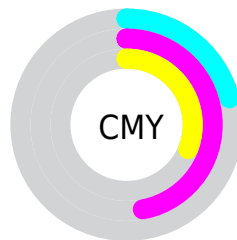


Cyan (0%)

Magenta (33%)

Yellow (13%)

Black (21%)



Cyan (21%)

Magenta (47%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291463087 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 4291463087 by changing the saturation by 10% instead.



4291463087



4291463087

4294967295



4289621396



4294950375



4287845499



4294957567



4286069858



4294964991



4284359754



4282714931



4281204766



4279173121



4278190080



4291463087



4291463087

 4291457959

 4291468215


 4291452831

 4291473343

 4291447447

 4291478727

 4291442318


 4291483856

 4291437190

 4291488984

 4291432062

 4291493856

 4291428473

 4291493864

 4291493872

 4291493880

Harmonies

Analogous

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



4289630408



4291463087



4292248977

Triad

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



4291463087



4288978273



4281117122

Complementary

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



4291463087



4287089314

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.



4281969830



4291463087



4286817646

Square

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



4291463087



4290745187



4284459656



4283671763

Rectangle

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



4291463087



4292118398



4284459656



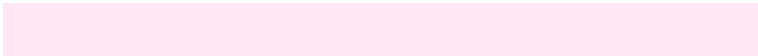
4280986554

Sweetspot

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



4291463087



4294960885



4288841674



4286607481



4278190080



4286611584

Same Dimension

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



4291463087



4294941142



4291463054



4284898402



4289069155



4280680471

Inverse Universe

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



4291463087



4294941142



4287089347



4284898402



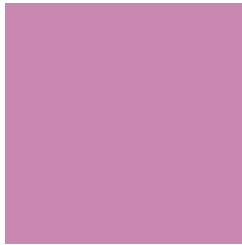
4289069155



4280680471

Previews

White Background



This preview shows how the Android color 4291463087 looks on a white background.

Color Contrast Check

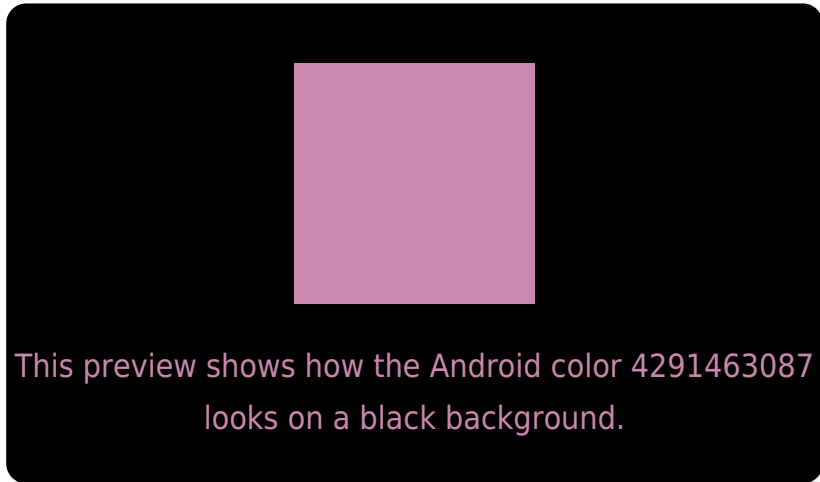
Large Text (above 18pt) WCAG AA × Fail

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

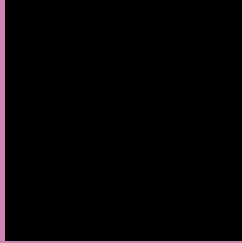
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4291463087 Background



This preview shows how black text looks on a background with the Android color 4291463087.




This preview shows how white text looks on a background with the Android color 4291463087.

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
4291267734

Trichromacy



Original Color
4291463087

Protanomaly
4289237943

Deuteranomaly
4289827501

Tritanomaly
4291332767

Monochromacy



Original Color
4291463087

Achromatopsia
4288716960

Achromatomaly
4289697701

CSS Examples

Text

The CSS property to change the color of the text to Android 4291463087 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(202, 135, 175)` looks like.

```
.text, #text, p{  
    color:rgb(202, 135, 175)  
}
```

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(202, 135, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 135, 175) }
```

Border

The CSS property to change the border of an element to Android 4291463087 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(202, 135, 175) }
```

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

```
.border{ border-color:rgb(202, 135, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 135, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 135, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 135, 175);  
box-shadow:4px 4px 4px 4px rgb(202, 135,  
175) }
```

Background

The CSS property to change the background color of an element to Android 4291463087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 135, 175) }
```

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

```
.background{ background-color: rgb(202,  
135, 175) }
```

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