

Converting Colors

Android(4291397085)

Have a look what the booklet for
Android(4291397085) contains.

Android(4291397085)	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(4291397085)

Conversions

Conversions Part 1

Format	Color
Hex	C985DD
RGB	201, 133, 221
RGB Percent	79%, 52%, 87%
CMY	0.2118, 0.4784, 0.1333
CMYK	0.09, 0.40, 0.00, 0.13
HSL	286°, 56%, 69%
HSV	286°, 40%, 87%
XYZ	45.5261, 34.4130, 72.6495
YIQ	163.3640, 12.2800, 41.7840

Conversions

Conversions Part 2

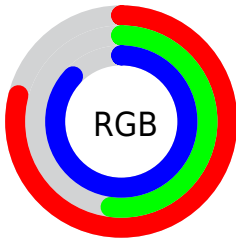
Format	Color
R _Y B	201, 133, 221
Decimal	13207005
CIE Lab	65.29, 40.83, -34.61
CIE LCh	65, 53.523, 319.710
Yxy	34.4130, 0.2984, 0.2255
Android (android.graphics.Color)	4291397085 (0xFFC985DD)
YUV	163.3640, 28.4145, 33.0068
Hunter-Lab	58.6626, 35.8682, -32.3626

Details

The Android color `4291397085` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4288273797`, and the grayscale version is `4288914339`.

A 20% lighter version of the original color is `4294949887`, and `4287713702` is the 20% darker color. If you saturate the color by 10%, you get `4291063773`, and if you desaturate by 10%, it is `4291730397`.

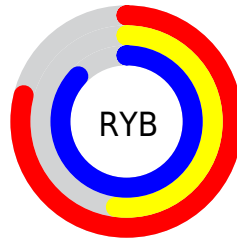
Distribution



Red (79%)

Green (52%)

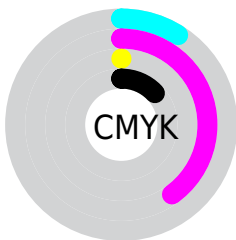
Blue (87%)



Red (79%)

Yellow (52%)

Blue (87%)

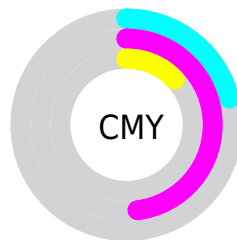


Cyan (9%)

Magenta (40%)

Yellow (0%)

Black (13%)



Cyan (21%)


Magenta (48%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291397085 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 4291397085 by changing the saturation by 10% instead.

 4291397085

 4291397085

4294967295

 4289555393

 4294949887

 4287713702

 4294957055

 4286003595

 4294964479

 4284293233


 4282581848


 4281008192

 4279304234


 4278190356

 4278190080

 4291397085

 4291397085

 4291063773

 4291730397

 4290730461

 4292063709

 4290397149

 4292397021

 4290063837

 4292730333

 4289730269

 4293063901

 4289396957

 4293394397

 4293722077

 4294049757

 4294377437

Harmonies

Analogous

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



4286945529



4291397085



4293818033

Triad

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



4291397085



4291335740



4278236861

Complementary

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



4291397085



4288273797

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.



4278236556



4291397085



4288390719

Square

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



4291397085



4293428311



4284657758



4278235879

Rectangle

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



4291397085



4294407313



4284657758



4278236845

Sweetspot

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



4291397085



4294500607



4286946013



4286279296



4278190080



4286611584

Same Dimension

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



4291397085



4293101055



4292707782



4285227886



4286972077



4280483886

Inverse Universe

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



4292707737



4294935968



4286963100



4285424485



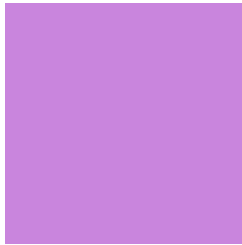
4289527847



4281204746

Previews

White Background



This preview shows how the Android color 4291397085 looks on a white background.

Color Contrast Check

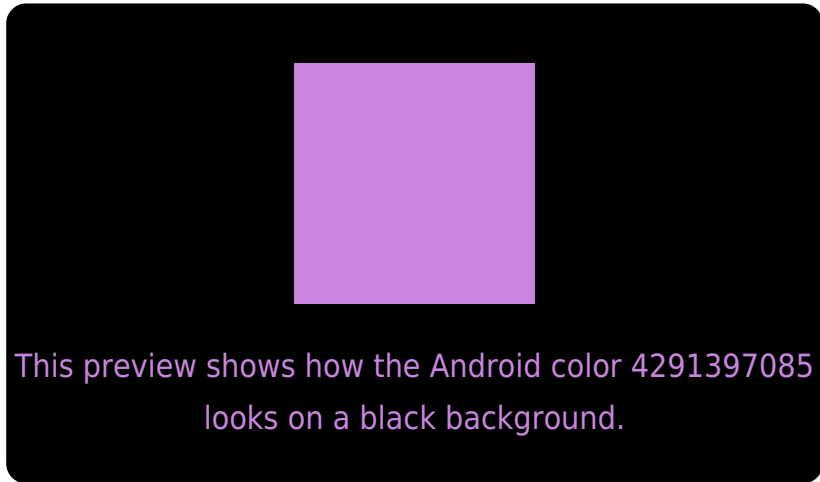
Large Text (above 18pt) WCAG AA × Fail

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

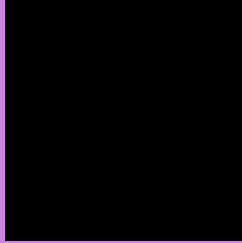
Any Text WCAG AA ✓ Pass

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 4291397085 Background



This preview shows how black text looks on a background with the Android color 4291397085.




This preview shows how white text looks on a background with the Android color 4291397085.

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
4290810782

Trichromacy



Original Color
4291397085



Protanomaly
4288451817



Deuteranomaly
4288910554

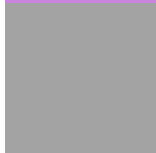


Tritanomaly
4291006133

Monochromacy



Original Color
4291397085



Achromatopsia
4288914339



Achromatomaly
4289829048

CSS Examples

Text

The CSS property to change the color of the text to Android 4291397085 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, 133, 221)` looks like.

```
.text, #text, p{  
    color:rgb(201, 133, 221)  
}
```

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, 133, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 133, 221) }
```

Border

The CSS property to change the border of an element to Android 4291397085 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, 133, 221) }
```

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

```
.border{ border-color:rgb(201, 133, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 133, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 133, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 133, 221);  
box-shadow:4px 4px 4px 4px rgb(201, 133,  
221) }
```

Background

The CSS property to change the background color of an element to Android 4291397085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 133, 221) }
```

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

```
.background{ background-color: rgb(201,  
133, 221) }
```

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