

Converting Colors

Android(4291401164)

Have a look what the booklet for
Android(4291401164) contains.

Android(4291401164)	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(4291401164)

Conversions

Conversions Part 1

Format	Color
Hex	C995CC
RGB	201, 149, 204
RGB Percent	79%, 58%, 80%
CMY	0.2118, 0.4157, 0.2000
CMYK	0.01, 0.27, 0.00, 0.20
HSL	297°, 35%, 69%
HSV	297°, 27%, 80%
XYZ	45.7339, 38.2720, 62.1035
YIQ	170.8180, 13.3370, 28.1290

Conversions

Conversions Part 2

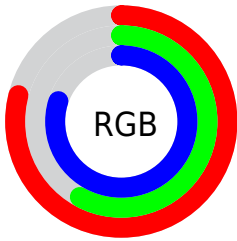
Format	Color
R _Y B	201, 149, 204
Decimal	13211084
CIE Lab	68.22, 28.79, -20.65
CIE LCh	68, 35.429, 324.339
Yxy	38.2720, 0.3130, 0.2619
Android (android.graphics.Color)	4291401164 (0xFFC995CC)
YUV	170.8180, 16.3587, 26.4696
Hunter-Lab	61.8644, 23.6954, -16.2141

Details

The Android color `4291401164` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `4288203925`, and the grayscale version is `4289440683`.

A 20% lighter version of the original color is `4294954239`, and `4287783574` is the 20% darker color. If you saturate the color by 10%, you get `4291330508`, and if you desaturate by 10%, it is `4291471820`.

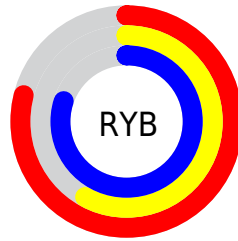
Distribution



Red (79%)

Green (58%)

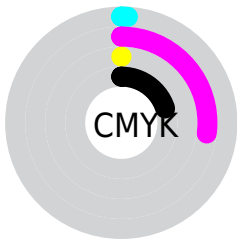
Blue (80%)



Red (79%)

Yellow (58%)

Blue (80%)

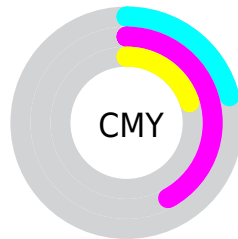


Cyan (1%)

Magenta (27%)

Yellow (0%)

Black (20%)



Cyan (21%)

Magenta (42%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291401164 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 4291401164 by changing the saturation by 10% instead.

 4291401164

 4291401164

4294967295

 4289559472

 4294954239

 4287783574

 4294961407

 4286073212

 4284428643


 4282784587

 4281205556

 4279894047

 4278190081

 4278190080


 4291401164

 4291401164

 4291330508


 4291471820

 4291259596

 4291542732

 4291188940

 4291613388

 4291118028

 4291684300

 4290981836

 4291820492

 4290911180

 4291887052

 4290840268

 4291952588

 4290838732

 4292018124

 4292083660

Harmonies

Analogous

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



4288848096



4291401164



4292906670

Triad

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



4291401164



4290880102



4281186240

Complementary

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



4291401164



4288203925

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.



4283676575



4291401164



4288785515

Square

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



4291401164



4292450163



4286362752



4282102745

Rectangle

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



4291401164



4293234328



4286362752



4281907381

Sweetspot

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



4291401164



4294896639



4287994316



4286542720



4278190080



4286611584

Same Dimension

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



4291401164



4294684159



4291597748



4284832870



4288479398



4280549414

Inverse Universe

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



4291597720



4294946226



4288007341



4284898396



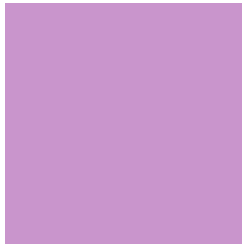
4289069065



4280680450

Previews

White Background



This preview shows how the Android color 4291401164 looks on a white background.

Color Contrast Check

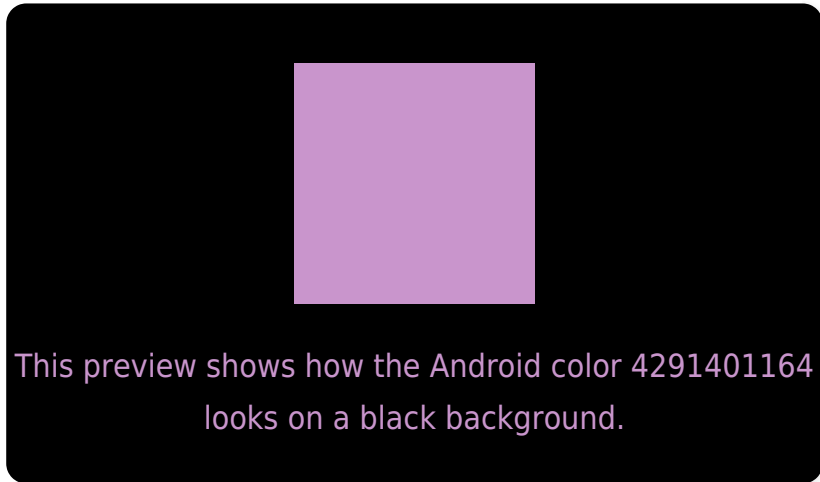
Large Text (above 18pt) WCAG AA × Fail

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

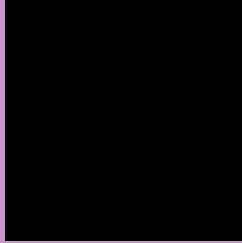
Any Text WCAG AA ✓ Pass

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 4291401164 Background



This preview shows how black text looks on a background with the Android color 4291401164.



This preview shows how white text looks on a background with the Android color 4291401164.

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
4291401164

Protanopia
4288259543

Deuteranopia
4289045449



Tritanopia
4291075240

Trichromacy



Original Color
4291401164

Protanomaly
4289372115

Deuteranomaly
4289896138

Tritanomaly
4291205557

Monochromacy



Original Color
4291401164

Achromatopsia
4289440683

Achromatomaly
4290159543

CSS Examples

Text

The CSS property to change the color of the text to Android 4291401164 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, 149, 204)` looks like.

```
.text, #text, p{  
    color:rgb(201, 149, 204)  
}
```

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, 149, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 149, 204) }
```

Border

The CSS property to change the border of an element to Android 4291401164 is called "border". The border property can be set on classes, ids or directly on the HTML element.

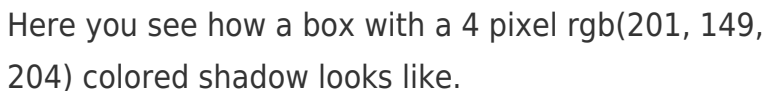
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 149, 204) }
```

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

```
.border{ border-color:rgb(201, 149, 204) }
```

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



Here you see how a box with a 4 pixel `rgb(201, 149, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 149, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 149, 204);  
box-shadow:4px 4px 4px 4px rgb(201, 149,  
204) }
```

Background

The CSS property to change the background color of an element to Android 4291401164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 149, 204) }
```

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

```
.background{ background-color: rgb(201,  
149, 204) }
```

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