

# Converting Colors

Android(4291068113)

Have a look what the booklet for  
Android(4291068113) contains.

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# **Color**

**Android(4291068113)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C480D1
RGB	196, 128, 209
RGB Percent	77%, 50%, 82%
CMY	0.2314, 0.4980, 0.1804
CMYK	0.06, 0.39, 0.00, 0.18
HSL	290°, 47%, 66%
HSV	290°, 39%, 82%
XYZ	41.9927, 31.7776, 64.2420
YIQ	157.5660, 14.5270, 39.6070

# Conversions

## Conversions Part 2

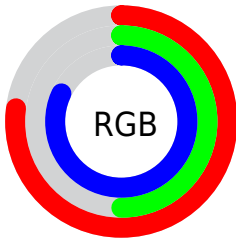
Format	Color
<a href="#">RYB</a>	<a href="#">196, 128, 209</a>
Decimal	<a href="#">12878033</a>
CIELab	<a href="#">63.16, 39.62, -31.26</a>
CIElCh	<a href="#">63, 50.466, 321.719</a>
Yxy	<a href="#">31.7776, 0.3043, 0.2303</a>
Android (android.graphics.Color)	<a href="#">4291068113 (0xFFC480D1)</a>
YUV	<a href="#">157.5660, 25.3570, 33.7066</a>
Hunter-Lab	<a href="#">56.3716, 34.3193, -28.1078</a>

# Details

The Android color **4291068113** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **4287484288**, and the grayscale version is **4288519581**.

A 20% lighter version of the original color is **4294883071**, and **4287450522** is the 20% darker color. If you saturate the color by 10%, you get **4290866129**, and if you desaturate by 10%, it is **4291270097**.

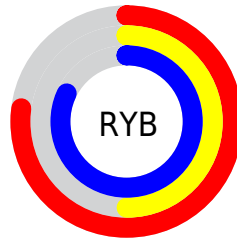
# Distribution



Red (77%)

Green (50%)

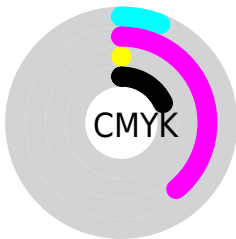
Blue (82%)



Red (77%)

Yellow (50%)

Blue (82%)

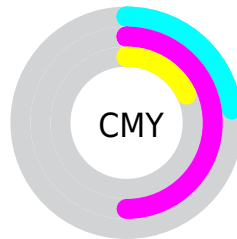


Cyan (6%)

Magenta (39%)

Yellow (0%)

Black (18%)



Cyan (23%)

Magenta (50%)

Yellow (18%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291068113 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 4291068113 by changing the saturation by 10% instead.



 4291068113

 4291068113

4294967295

 4289226421

 4294883071

 4287450522

 4294955775

 4285674624

 4294963199

 4283964263

 4282318926

 4280811575

 4278386721

 4278190085

 4278190080

■ 4291068113

■ 4291068113

■ 4290866129

■ 4291270097

■ 4290598609

■ 4291537617

■ 4290396625

■ 4291739601

■ 4290194641

■ 4291941585

■ 4289927377

■ 4292209105

■ 4289725393

■ 4292410833

■ 4289659089

■ 4292607953

■ 4292870097

■ 4293066705

# Harmonies

## Analogous

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



4287075052



4291068113



4293227431

# Triad

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



4291068113



4290613821



4278235065

# Complementary

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



4291068113



4287484288

# 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.



4278235018



4291068113



4287799361

# Square

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



4291068113



4292706644



4284328543



4278234078

# Rectangle

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



4291068113



4293751433



4284328543



4278235050



# Sweetspot

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



4291068113



4294631679



4286615249



4286410368



4278190080



4286611584



# Same Dimension

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



4291068113



4293691391



4291920054



4284964457



4287430824



4280418345



# Inverse Universe

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



4291920013



4294936474



4286632347



4285095520



4289200155

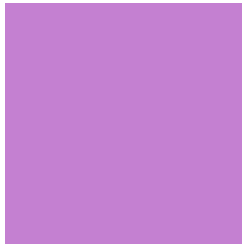


4280877063



# Previews

## White Background



This preview shows how the Android color 4291068113 looks on a white background.

## Color Contrast Check

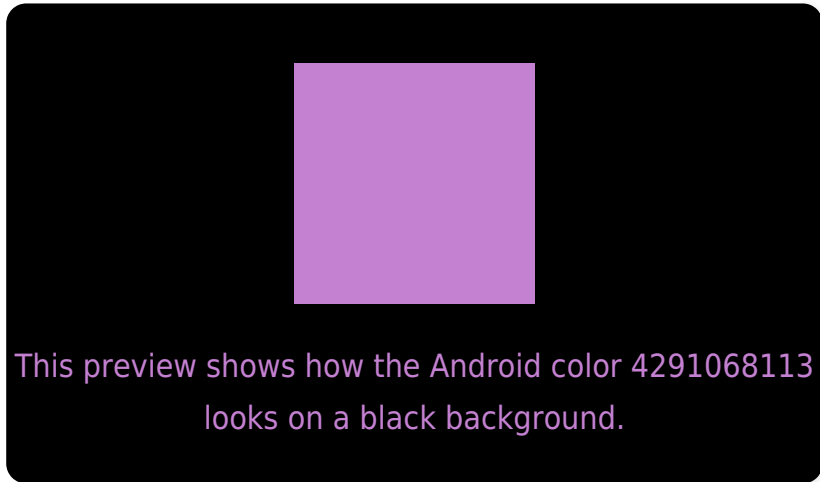
Large Text (above 18pt) WCAG AA × Fail

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 4291068113 Background



This preview shows how black text looks on a background with the Android color 4291068113.



This preview shows how white text looks on a background with the Android color 4291068113.

# 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**  
4291068113

**Protanopia**  
4286552035

**Deuteranopia**  
4287403981



**Tritanopia**  
4290546839

# Trichromacy



**Original Color**  
4291068113



**Protanomaly**  
4288188380



**Deuteranomaly**  
4288712654

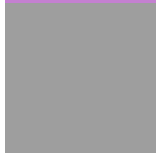


**Tritanomaly**  
4290742444

# Monochromacy



**Original Color**  
4291068113



**Achromatopsia**  
4288585374



**Achromatomaly**  
4289500081

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291068113 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(196, 128, 209)` looks like.

```
.text, #text, p{  
    color:rgb(196, 128, 209)  
}
```

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(196, 128, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 128, 209) }
```

## Border

The CSS property to change the border of an element to Android 4291068113 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(196, 128, 209) }
```

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

```
.border{ border-color:rgb(196, 128, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 128, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 128, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 128, 209); box-shadow:4px 4px 4px 4px rgb(196, 128, 209) }
```

# Background

The CSS property to change the background color of an element to Android 4291068113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 128, 209) }
```

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

```
.background{ background-color: rgb(196,  
128, 209) }
```

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](#).



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