

# Converting Colors

Android(4291464154)

Have a look what the booklet for  
Android(4291464154) contains.

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# **Color**

**Android(4291464154)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CA8BDA
RGB	202, 139, 218
RGB Percent	79%, 55%, 85%
CMY	0.2078, 0.4549, 0.1451
CMYK	0.07, 0.36, 0.00, 0.15
HSL	288°, 52%, 70%
HSV	288°, 36%, 85%
XYZ	46.2446, 36.0837, 70.8572
YIQ	166.8430, 12.1890, 37.9250

# Conversions

## Conversions Part 2

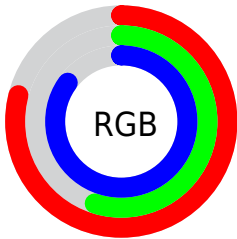
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 139, 218
Decimal	13274074
CIE <sub>Lab</sub>	66.58, 37.29, -30.93
CIE <sub>LCh</sub>	67, 48.450, 320.329
Yxy	36.0837, 0.3019, 0.2356
Android (android.graphics.Color)	4291464154 (0xFFCA8BDA)
YUV	166.8430, 25.2204, 30.8327
Hunter-Lab	60.0698, 32.2960, -27.8886

# Details

The Android color `4291464154` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4288404107`, and the grayscale version is `4289177511`.

A 20% lighter version of the original color is `4294951423`, and `4287846307` is the 20% darker color. If you saturate the color by 10%, you get `4291196378`, and if you desaturate by 10%, it is `4291731930`.

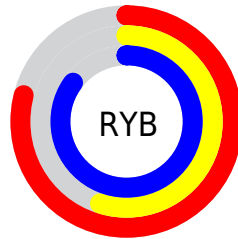
# Distribution



Red (79%)

Green (55%)

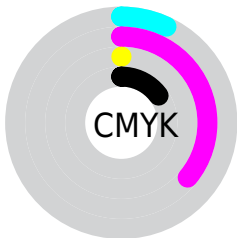
Blue (85%)



Red (79%)

Yellow (55%)

Blue (85%)

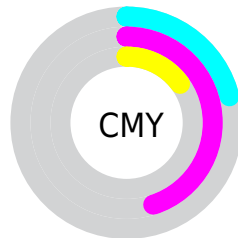


Cyan (7%)

Magenta (36%)

Yellow (0%)

Black (15%)



Cyan (21%)

Magenta (45%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291464154 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 4291464154 by changing the saturation by 10% instead.



 4291464154

 4291464154

4294967295

 4289622462

 4294951423

 4287846307

 4294958847

 4286070664

 4294966271

 4284360559

 4282715478


 4281139262


 4279631912

 4278190353

 4278190080

 4291464154

 4291464154

 4291196378

 4291731930

 4290863066

 4292065242

 4290595546

 4292332762

 4290262234

 4292666074

 4289994458

 4292933850

 4289726682

 4293197786

 4289593562

 4293525466

 4293787610

 4294115290

# Harmonies

## Analogous

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



4287536372



4291464154



4293689266

# Triad

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



4291464154



4291337034



4278237375

# Complementary

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



4291464154



4288404107

# 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.



4278761362



4291464154



4288653645

# Square

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



4291464154



4293299040



4285313640



4278236388

# Rectangle

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



4291464154



4294213012



4285313640



4278237360



# Sweetspot

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



4291464154



4294566911



4287339738



4286345088



4278190080



4286611584



# Same Dimension

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



4291464154



4293497343



4292512708



4285227886



4287234221



4280614958



# Inverse Universe

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



4292512667



4294939048



4287355553



4285424485



4289527843

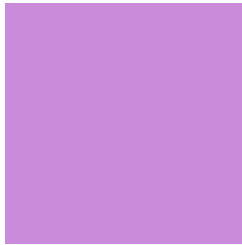


4281204745



# Previews

## White Background



This preview shows how the Android color 4291464154 looks on a white background.

## Color Contrast Check

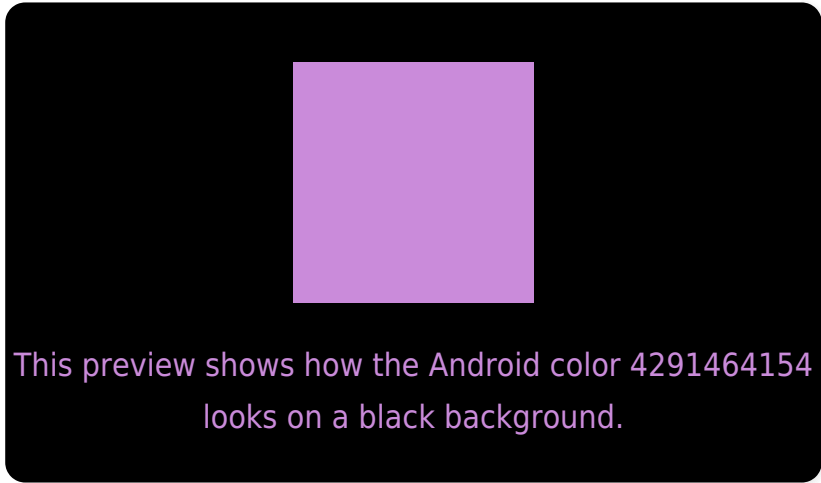
Large Text (above 18pt) WCAG AA × Fail

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

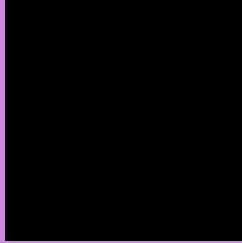
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291464154 Background



This preview shows how black text looks on a background with the Android color 4291464154.



This preview shows how white text looks on a background with the Android color 4291464154.

# 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





# Trichromacy



**Original Color**  
4291464154



**Protanomaly**  
4288780516



**Deuteranomaly**  
4289304791



**Tritanomaly**  
4291138486

# Monochromacy



**Original Color**  
4291464154



**Achromatopsia**  
4289177511



**Achromatomaly**  
4290026938

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291464154 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, 139, 218)` looks like.

```
.text, #text, p{  
    color:rgb(202, 139, 218)  
}
```

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, 139, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 139, 218) }
```

## Border

The CSS property to change the border of an element to Android 4291464154 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, 139, 218) }
```

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

```
.border{ border-color:rgb(202, 139, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 139, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 139, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 139, 218);  
box-shadow:4px 4px 4px 4px rgb(202, 139,  
218) }
```

# Background

The CSS property to change the background color of an element to Android 4291464154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 139, 218) }
```

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

```
.background{ background-color: rgb(202,  
139, 218) }
```

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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