

# Converting Colors

Android(4291469793)

Have a look what the booklet for  
Android(4291469793) contains.

<b>Android(4291469793)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4291469793)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CAA1E1
RGB	202, 161, 225
RGB Percent	79%, 63%, 88%
CMY	0.2078, 0.3686, 0.1176
CMYK	0.10, 0.28, 0.00, 0.12
HSL	278°, 52%, 76%
HSV	278°, 28%, 88%
XYZ	50.6926, 43.4825, 76.9553
YIQ	180.5550, 3.8920, 28.5960

# Conversions

## Conversions Part 2

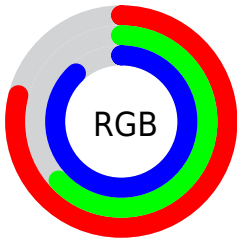
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 161, 225
Decimal	13279713
CIE <sub>Lab</sub>	71.88, 26.68, -26.63
CIE <sub>LCh</sub>	72, 37.700, 315.056
Yxy	43.4825, 0.2962, 0.2541
Android (android.graphics.Color)	4291469793 (0xFFCAA1E1)
YUV	180.5550, 21.9114, 18.8073
Hunter-Lab	65.9413, 21.8252, -23.0342

# Details

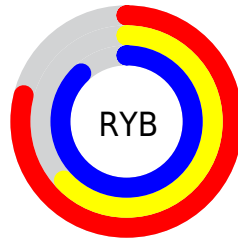
The Android color `4291469793` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `4290306465`, and the grayscale version is `4290032820`.

A 20% lighter version of the original color is `4294957311`, and `4287851946` is the 20% darker color. If you saturate the color by 10%, you get `4290939873`, and if you desaturate by 10%, it is `4291999969`.

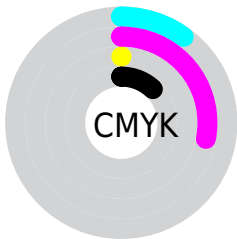
# Distribution



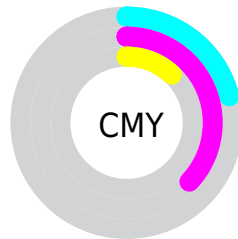
- Red (79%)
- Green (63%)
- Blue (88%)



- Red (79%)
- Yellow (63%)
- Blue (88%)



- Cyan (10%)
- Magenta (28%)
- Yellow (0%)
- Black (12%)



- Cyan (21%)
- Magenta (37%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291469793 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 4291469793 by changing the saturation by 10% instead.



 4291469793

 4291469793

4294967295

 4289628101

 4294957311

 4287851946

 4294964735

 4286141583

 4284431733

 4282852956

 4281274436

 4280025134


 4278190360

 4278190080

 4291469793

 4291469793

 4290939873

 4291999969

 4290409697

 4292529889

 4289879777

 4293059809

 4289349601

 4293589985

 4288819681

 4294115297

 4288223969

 4294705121

 4287693793

 4294967265

 4287627489

# Harmonies

## Analogous

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



4288392946



4291469793



4293499075

# Triad

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



4291469793



4292257902



4281713601

# Complementary

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



4291469793



4290306465

# 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.



4284793245



4291469793



4290163821

# Square

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



4291469793



4293696897



4287609982



4281057504

# Rectangle

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



4291469793



4294088108



4287609982



4282762165



# Sweetspot

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



4291469793



4294437119



4288788705



4286214528



4278190080



4286611584



# Same Dimension

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



4291469793



4292913407



4292977112



4285293936



4285595824



4280221744



# Inverse Universe

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



4292977080



4294944967



4288799146



4285556073



4289724479

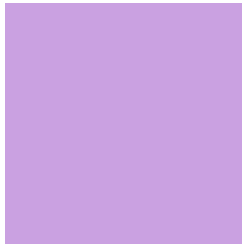


4281335825



# Previews

## White Background



This preview shows how the Android color 4291469793 looks on a white background.

## Color Contrast Check

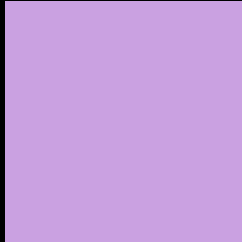
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4291469793 looks on a 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 4291469793 Background



This preview shows how black text looks on a background with the Android color 4291469793.



This preview shows how white text looks on a background with the Android color 4291469793.

# 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**  
4291469793

**Protanopia**  
4288720619

**Deuteranopia**  
4289310175



**Tritanopia**  
4291013046

# Trichromacy



**Original Color**  
4291469793

**Protanomaly**  
4289702375

**Deuteranomaly**  
4290095584

**Tritanomaly**  
4291208902

# Monochromacy



**Original Color**  
4291469793

**Achromatopsia**  
4290098613

**Achromatomaly**  
4290621125

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291469793 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, 161, 225)` looks like.

```
.text, #text, p{  
    color:rgb(202, 161, 225)  
}
```

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, 161, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 161, 225) }
```

## Border

The CSS property to change the border of an element to Android 4291469793 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, 161, 225) }
```

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

```
.border{ border-color:rgb(202, 161, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 161, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 161, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 161, 225);  
box-shadow:4px 4px 4px 4px rgb(202, 161,  
225) }
```

# Background

The CSS property to change the background color of an element to Android 4291469793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 161, 225) }
```

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

```
.background{ background-color: rgb(202,  
161, 225) }
```

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