

# Converting Colors

Android(4291729639)

Have a look what the booklet for  
Android(4291729639) contains.

<b>Android(4291729639)</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(4291729639)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE98E7
RGB	206, 152, 231
RGB Percent	81%, 60%, 91%
CMY	0.1922, 0.4039, 0.0941
CMYK	0.11, 0.34, 0.00, 0.09
HSL	281°, 62%, 75%
HSV	281°, 34%, 91%
XYZ	51.1056, 41.3478, 80.8887
YIQ	177.1520, 6.8250, 36.0170

# Conversions

## Conversions Part 2

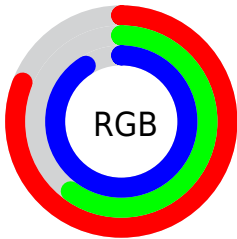
Format	Color
R <sub>Y</sub> B	206, 152, 231
Decimal	13539559
CIE Lab	70.42, 34.09, -32.14
CIE LCh	70, 46.847, 316.684
Yxy	41.3478, 0.2948, 0.2385
Android (android.graphics.Color)	4291729639 (0xFFCE98E7)
YUV	177.1520, 26.5471, 25.2997
Hunter-Lab	64.3023, 29.3379, -29.5719

# Details

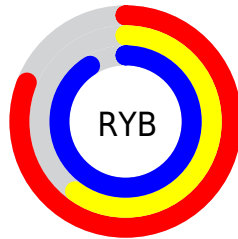
The Android color `4291729639` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4289849240`, and the grayscale version is `4289835441`.

A 20% lighter version of the original color is `4294955007`, and `4288111791` is the 20% darker color. If you saturate the color by 10%, you get `4291264999`, and if you desaturate by 10%, it is `4292194279`.

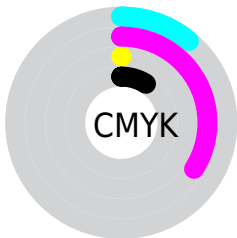
# Distribution



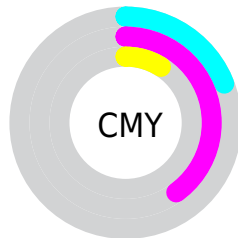
- Red (81%)
- Green (60%)
- Blue (91%)



- Red (81%)
- Yellow (60%)
- Blue (91%)



- Cyan (11%)
- Magenta (34%)
- Yellow (0%)
- Black (9%)




- Cyan (19%)
- Magenta (40%)
- Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291729639 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 4291729639 by changing the saturation by 10% instead.



 4291729639

 4291729639

4294967295

 4289887947

 4294955007

 4288111791

 4294962175

 4286335892

 4284625786


 4282981473

 4281336649

 4280156210

 4278190620

 4278190080

 4291729639

 4291729639

 4291264999

 4292194279

 4290734823

 4292724455

 4290270183

 4293189095

 4289805543

 4293653735

 4289275367

 4294180839

 4288810471

 4294639591

 4288544999

 4294967271

# Harmonies

## Analogous

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



4287801598



4291729639



4294085825

# Triad

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



4291729639



4292322136



4278239939

# Complementary

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



4291729639



4289849240

# 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.



4282237335



4291729639



4289704280

# Square

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



4291729639



4294153328



4286561136



4278239209

# Rectangle

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



4291729639



4294740388



4286561136



4278239925



# Sweetspot

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



4291729639



4294436607



4288197095



4286279808



4278190080



4286611584



# Same Dimension

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



4291729639



4292777727



4293368025



4285491059



4286185651



4280483891



# Inverse Universe

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



4293367985



4294940344



4288210854



4285753195



4289921080

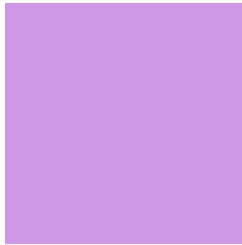


4281532432



# Previews

## White Background



This preview shows how the Android color 4291729639 looks on a white background.

## Color Contrast Check

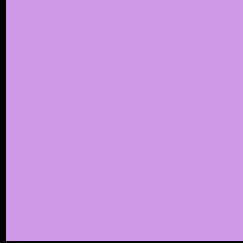
Large Text (above 18pt) WCAG AA × Fail

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 4291729639 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

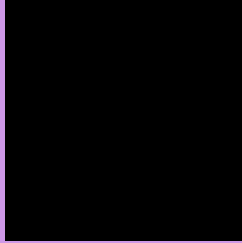
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291729639 Background



This preview shows how black text looks on a background with the Android color 4291729639.




This preview shows how white text looks on a background with the Android color 4291729639.

# 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**  
4291208112

# Trichromacy



**Original Color**  
4291729639



**Protanomaly**  
4289373168



**Deuteranomaly**  
4289766373



**Tritanomaly**  
4291403716

# Monochromacy



**Original Color**  
4291729639



**Achromatopsia**  
4289835441



**Achromatomaly**  
4290554053

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291729639 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(206, 152, 231)` looks like.

```
.text, #text, p{  
    color:rgb(206, 152, 231)  
}
```

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(206, 152, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 152, 231) }
```

## Border

The CSS property to change the border of an element to Android 4291729639 is called "border". The border property can be set on classes, ids or directly on the HTML element.

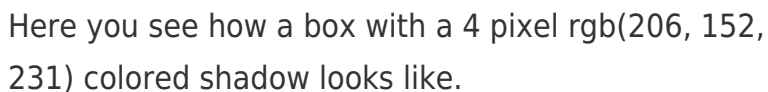
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 152, 231) }
```

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

```
.border{ border-color:rgb(206, 152, 231) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 152, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 152, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 152, 231);  
box-shadow:4px 4px 4px 4px rgb(206, 152,  
231) }
```

# Background

The CSS property to change the background color of an element to Android 4291729639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 152, 231) }
```

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

```
.background{ background-color: rgb(206,  
152, 231) }
```

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