

# Converting Colors

Android(4291920039)

Have a look what the booklet for  
Android(4291920039) contains.

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# **Color**

**Android(4291920039)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D180A7
RGB	209, 128, 167
RGB Percent	82%, 50%, 65%
CMY	0.1804, 0.4980, 0.3451
CMYK	0.00, 0.39, 0.20, 0.18
HSL	331°, 47%, 66%
HSV	331°, 39%, 82%
XYZ	40.9887, 31.7837, 40.5337
YIQ	156.6650, 35.7570, 29.3010

# Conversions

## Conversions Part 2

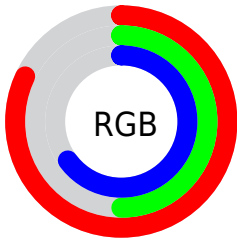
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 128, 167
Decimal	13729959
CIE Lab	63.16, 36.53, -7.38
CIE LCh	63, 37.273, 348.572
Yxy	31.7837, 0.3618, 0.2805
Android (android.graphics.Color)	4291920039 (0xFFD180A7)
YUV	156.6650, 5.0952, 45.8978
Hunter-Lab	56.3770, 31.1181, -3.1642

# Details

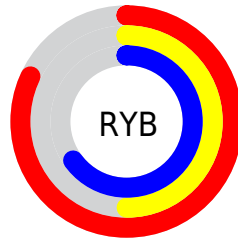
The Android color `4291920039` is a light color, and the websafe version is hex `CC6699`. A complement of this color would be `4286632362`, and the grayscale version is `4288519581`.

A 20% lighter version of the original color is `4294948574`, and `4288236915` is the 20% darker color. If you saturate the color by 10%, you get `4291914652`, and if you desaturate by 10%, it is `4291925426`.

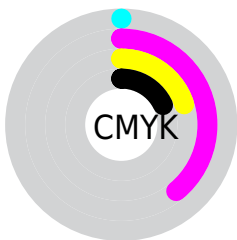
# Distribution



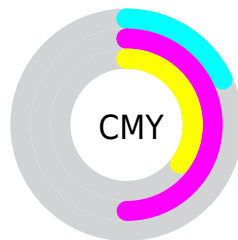
- Red (82%)
- Green (50%)
- Blue (65%)



- Red (82%)
- Yellow (50%)
- Blue (65%)



- Cyan (0%)
- Magenta (39%)
- Yellow (20%)
- Black (18%)



- Cyan (18%)
- Magenta (50%)
- Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291920039 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 4291920039 by changing the saturation by 10% instead.



 4291920039

 4291920039

4294967295

 4290078349

 4294948574

 4288236915

 4294955771

 4286461019

 4294963199

 4284685123


 4283039789


 4281466905


 4279304192

 4278190080

 4291920039

 4291920039

 4291914652

 4291925426

 4291909265

 4291930813

 4291903878

 4291936200


 4291898492

 4291941586

 4291893361


 4291946973


 4291887974

 4291952104

 4291887205

 4291952627

 4291952638

 4291952639

# Harmonies

## Analogous

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



4290152901



4291920039



4292444037

# Triad

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



4291920039



4288322905



4278233034

# Complementary

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



4291920039



4286632362

# 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.



4278233773



4291920039



4285834604

# Square

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



4291920039



4290351960



4282886795



4283343065

# Rectangle

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



4291920039



4292183153



4282886795



4278233537



# Sweetspot

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



4291920039



4294959343



4289364177



4286606966



4278190080



4286611584



# Same Dimension

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



4291920039



4294936513



4291920256



4285095523



4289200209



4280877076



# Inverse Universe

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



4291920039



4294936513



4286632145



4285095523



4289200209

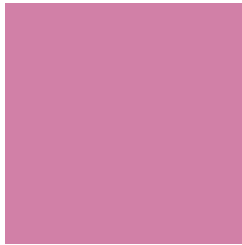


4280877076



# Previews

## White Background



This preview shows how the Android color 4291920039 looks on a white background.

## Color Contrast Check

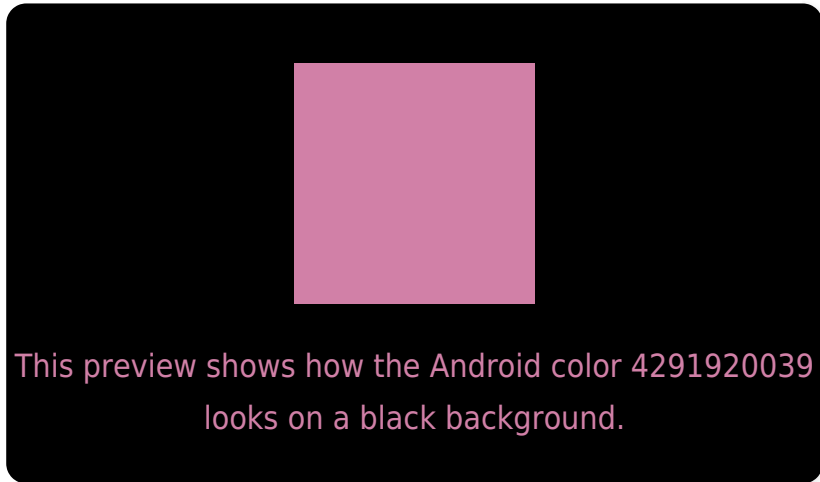
Large Text (above 18pt) WCAG AA × Fail

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 4291920039 Background



This preview shows how black text looks on a background with the Android color 4291920039.



This preview shows how white text looks on a background with the Android color 4291920039.

# 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](#).

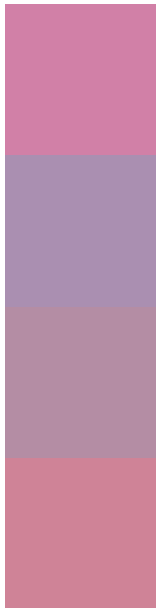
## Dichromacy





**Tritanopia**  
4291724430

# Trichromacy



**Original Color**  
4291920039

**Protanomaly**  
4289367985

**Deuteranomaly**  
4290022820

**Tritanomaly**  
4291789719

# Monochromacy



**Original Color**  
4291920039

**Achromatopsia**  
4288519581

**Achromatomaly**  
4289761953

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291920039 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(209, 128, 167)` looks like.

```
.text, #text, p{  
    color:rgb(209, 128, 167)  
}
```

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(209, 128, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 128, 167) }
```

## Border

The CSS property to change the border of an element to Android 4291920039 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(209, 128, 167) }
```

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

```
.border{ border-color:rgb(209, 128, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 128, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 128, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 128, 167);  
box-shadow:4px 4px 4px 4px rgb(209, 128,  
167) }
```

# Background

The CSS property to change the background color of an element to Android 4291920039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 128, 167) }
```

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

```
.background{ background-color: rgb(209,  
128, 167) }
```

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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