

# Converting Colors

Android(4291502719)

Have a look what the booklet for  
Android(4291502719) contains.

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**Color**

**Android(4291502719)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB227F
RGB	203, 34, 127
RGB Percent	80%, 13%, 50%
CMY	0.2039, 0.8667, 0.5020
CMYK	0.00, 0.83, 0.37, 0.20
HSL	327°, 71%, 46%
HSV	327°, 83%, 80%
XYZ	29.0314, 15.3729, 21.5158
YIQ	95.1330, 70.8710, 64.7510

# Conversions

## Conversions Part 2

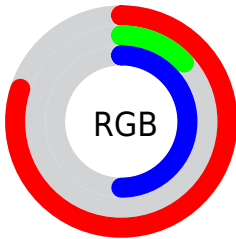
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 34, 127
Decimal	13312639
CIE Lab	46.14, 68.88, -9.35
CIE LCh	46, 69.513, 352.268
Yxy	15.3729, 0.4404, 0.2332
Android (android.graphics.Color)	4291502719 (0xFFFCB227F)
YUV	95.1330, 15.7104, 94.5994
Hunter-Lab	39.2083, 63.5543, -5.0900

# Details

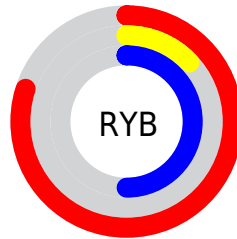
The Android color **4291502719** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **4280470382**, and the grayscale version is **4284440415**.

A 20% lighter version of the original color is **4294927540**, and **4287561806** is the 20% darker color. If you saturate the color by 10%, you get **4291497590**, and if you desaturate by 10%, it is **4291507848**.

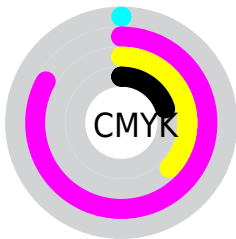
# Distribution



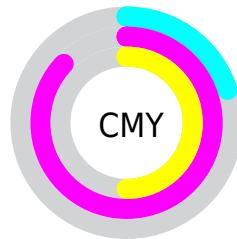
- Red (80%)
- Green (13%)
- Blue (50%)



- Red (80%)
- Yellow (13%)
- Blue (50%)



- Cyan (0%)
- Magenta (83%)
- Yellow (37%)
- Black (20%)




- Cyan (20%)
- Magenta (87%)
- Yellow (50%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291502719 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 4291502719 by changing the saturation by 10% instead.



 4291502719

 4291502719

4294967295

 4289527910

 4294927540

 4287561806

 4294934991

 4285661239

 4294942443

 4283760674

 4294950143


 4281991177

 4294957567

 4279500800

 4294965247

 4278190080

 4291502719

 4291502719

 4291497590

 4291507848

■ 4291494000

■ 4291513233

■ 4291518362

■ 4291523492

■ 4291528877

■ 4291534006

■ 4291539135

■ 4291544264

■ 4291549649

# Harmonies

## Analogous

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



4288890294



4291502719



4291831877

# Triad

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



4291502719



4284184320



4278223817

# Complementary

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



4291502719



4280470382

# 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.



4278224536



4291502719



4278223132

# Square

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



4291502719



4287718912



4278224220



4278221282

# Rectangle

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



4291502719



4291051296



4278224220



4278224315



# Sweetspot

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



4291502719



4294950882



4285211339



4286601582



4278190080



4286611584



# Same Dimension

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



4291502719



4294901900



4291502637



4284898401



4289069147



4280680469



# Inverse Universe

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



4291502719



4294901900



4280470464



4284898401



4289069147



4280680469



# Previews

## White Background



This preview shows how the Android color 4291502719 looks on a white background.

## Color Contrast Check

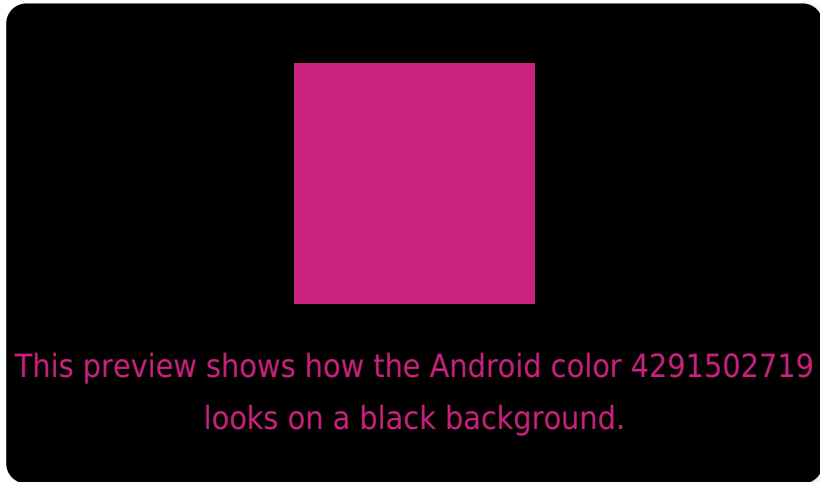
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4291502719 Background



This preview shows how black text looks on a background with the Android color 4291502719.



This preview shows how white text looks on a background with the Android color 4291502719.

# Color Blindness Simulation

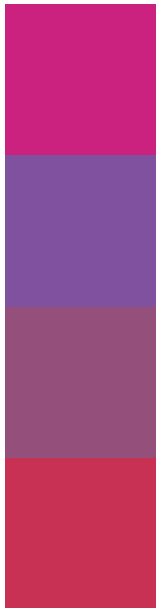
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



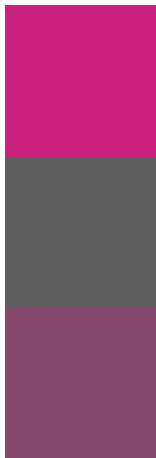
**Original Color**  
4291502719

**Protanomaly**  
4286599582

**Deuteranomaly**  
4287910010

**Tritanomaly**  
4291309908

# Monochromacy



**Original Color**  
4291502719

**Achromatopsia**  
4284440415

**Achromatomaly**  
4286990699

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291502719 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(203, 34, 127)` looks like.

```
.text, #text, p{  
    color:rgb(203, 34, 127)  
}
```

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(203, 34, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 34, 127) }
```

## Border

The CSS property to change the border of an element to Android 4291502719 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(203, 34, 127) }
```

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

```
.border{ border-color:rgb(203, 34, 127) }
```

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

Here you see how a box with a 4 pixel rgb(203, 34, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 34, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 34, 127);  
box-shadow:4px 4px 4px 4px rgb(203, 34,  
127) }
```

# Background

The CSS property to change the background color of an element to Android 4291502719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 34, 127) }
```

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

```
.background{ background-color: rgb(203, 34,  
127) }
```

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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