

# Converting Colors

Android(4291703187)

Have a look what the booklet for  
Android(4291703187) contains.

<b>Android(4291703187)</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(4291703187)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE3193
RGB	206, 49, 147
RGB Percent	81%, 19%, 58%
CMY	0.1922, 0.8078, 0.4235
CMYK	0.00, 0.76, 0.29, 0.19
HSL	323°, 62%, 50%
HSV	323°, 76%, 81%
XYZ	31.8184, 17.4250, 29.2901
YIQ	107.1150, 62.1140, 63.7620

# Conversions

## Conversions Part 2

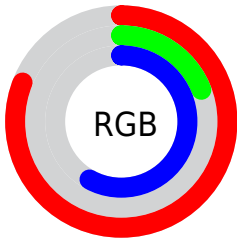
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	206, 49, 147
Decimal	13513107
CIE <sub>Lab</sub>	48.79, 67.90, -17.40
CIE <sub>LCh</sub>	49, 70.097, 345.629
Yxy	17.4250, 0.4052, 0.2219
Android (android.graphics.Color)	4291703187 (0xFFCE3193)
YUV	107.1150, 19.6633, 86.7221
Hunter-Lab	41.7433, 63.0089, -12.3819

# Details

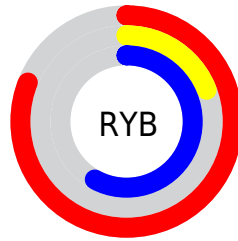
The Android color **4291703187** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **4281454188**, and the grayscale version is **4285229931**.

A 20% lighter version of the original color is **4294930377**, and **4287823968** is the 20% darker color. If you saturate the color by 10%, you get **4291697803**, and if you desaturate by 10%, it is **4291708571**.

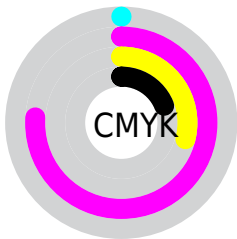
# Distribution



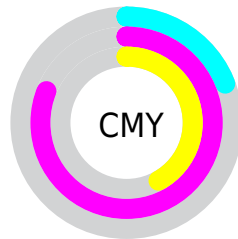
- Red (81%)
- Green (19%)
- Blue (58%)



- Red (81%)
- Yellow (19%)
- Blue (58%)



- Cyan (0%)
- Magenta (76%)
- Yellow (29%)
- Black (19%)



- Cyan (19%)
- Magenta (81%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291703187 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 4291703187 by changing the saturation by 10% instead.



 4291703187

 4291703187

4294967295

 4289724537

 4294930377

 4287823968

 4294937573

 4285923400

 4294945023

 4284088370


 4294952703

 4282384413

 4294960127

 4280352769

 4278190080

 4291703187

 4291703187

 4291697803

 4291708571

■ 4291692676

■ 4291713698

■ 4291690625

■ 4291719082

■ 4291724210

■ 4291729594

■ 4291734977

■ 4291740105

■ 4291745489

■ 4291750617

# Harmonies

## Analogous

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



4288435144



4291703187



4292553560

# Triad

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



4291703187



4285561600



4278226120

# Complementary

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



4291703187



4281454188

# 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.



4278226578



4291703187



4280124944

# Square

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



4291703187



4288964352



4278226004



4278223848

# Rectangle

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



4291703187



4291968562



4278226004



4278226360



# Sweetspot

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



4291703187



4294952169



4285215182



4286602354



4278190080



4286611584



# Same Dimension

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



4291703187



4294907816



4291703110



4284898402



4289069159



4280680472



# Inverse Universe

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



4291703187



4294907816



4281454265



4284898402



4289069159



4280680472



# Previews

## White Background



This preview shows how the Android color 4291703187 looks on a white background.

## Color Contrast Check

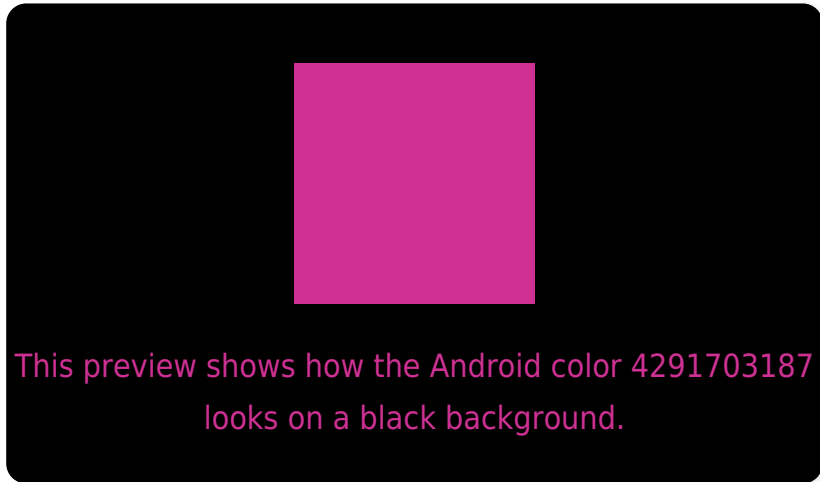
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291703187 Background



This preview shows how black text looks on a background with the Android color 4291703187.



This preview shows how white text looks on a background with the Android color 4291703187.

# Color Blindness Simulation

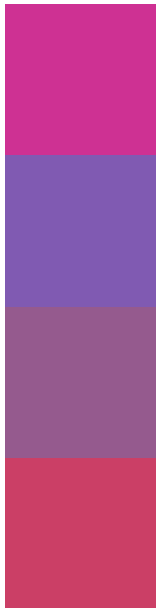
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



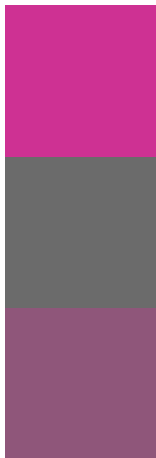
**Original Color**  
4291703187

**Protanomaly**  
4286601906

**Deuteranomaly**  
4287978126

**Tritanomaly**  
4291510118

# Monochromacy



**Original Color**  
4291703187

**Achromatopsia**  
4285229931

**Achromatomaly**  
4287583866

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291703187 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, 49, 147)` looks like.

```
.text, #text, p{  
    color:rgb(206, 49, 147)  
}
```

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, 49, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 49, 147) }
```

## Border

The CSS property to change the border of an element to Android 4291703187 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, 49, 147) }
```

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

```
.border{ border-color:rgb(206, 49, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 49, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 49, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 49, 147);  
box-shadow:4px 4px 4px 4px rgb(206, 49,  
147) }
```

# Background

The CSS property to change the background color of an element to Android 4291703187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 49, 147) }
```

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

```
.background{ background-color: rgb(206, 49,  
147) }
```

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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