

# Converting Colors

Android(4291887257)

Have a look what the booklet for  
Android(4291887257) contains.

<b>Android(4291887257)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Android(4291887257)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D10099
RGB	209, 0, 153
RGB Percent	82%, 0%, 60%
CMY	0.1804, 1.0000, 0.4000
CMYK	0.00, 1.00, 0.27, 0.18
HSL	316°, 100%, 41%
HSV	316°, 100%, 82%
XYZ	32.0443, 15.8552, 31.5084
YIQ	79.9330, 75.4510, 91.8910

# Conversions

## Conversions Part 2

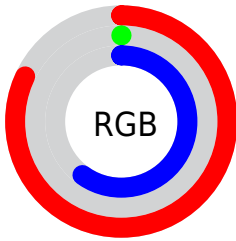
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 0, 153
Decimal	13697177
CIE <sub>Lab</sub>	46.78, 77.38, -24.04
CIE <sub>LCh</sub>	47, 81.024, 342.741
Yxy	15.8552, 0.4035, 0.1997
Android (android.graphics.Color)	4291887257 (0xFFD10099)
YUV	79.9330, 36.0220, 113.1918
Hunter-Lab	39.8186, 73.9664, -19.0431

# Details

The Android color **4291887257** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **4278243640**, and the grayscale version is **4283453520**.

A 20% lighter version of the original color is **4294925264**, and **4287955046** is the 20% darker color. If you saturate the color by 10%, you get **4291887257**, and if you desaturate by 10%, it is **4291892639**.

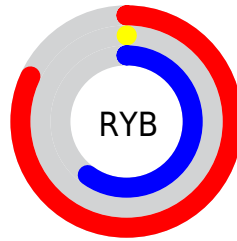
# Distribution



Red (82%)

Green (0%)

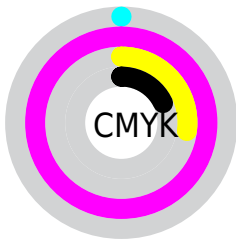
Blue (60%)



Red (82%)

Yellow (0%)

Blue (60%)

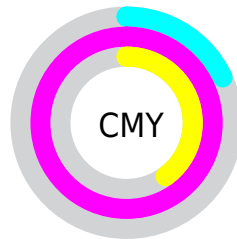


Cyan (0%)

Magenta (100%)

Yellow (27%)

Black (18%)



Cyan (18%)

Magenta (100%)


Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291887257 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 4291887257 by changing the saturation by 10% instead.



 4291887257

 4291887257

4294967295

 4289921151

 4294925264

 4287955046

 4294933228

 4286054477

 4294940927

 4284153910

 4294948351

 4282384417

 4294956031


 4280418308

 4294963967

 4278190080

 4291887257


 4291892639

 4291898020

 4291903402

 4291908783

 4291914165

 4291919291

 4291924672

 4291930054

 4291935435

# Harmonies

## Analogous

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



4287777748



4291887257



4293001302

# Triad

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



4291887257



4285363456



4278225611

# Complementary

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



4291887257



4278243640

# 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.



4278225803



4291887257



4278223360

# Square

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



4291887257



4289158400



4278224963



4278223603

# Rectangle

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



4291887257



4292418857



4278224963



4278225592



# Sweetspot

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



4291887257



4294947819



4281860305



4286599795



4278190080



4286611584



# Same Dimension

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



4291887257



4294901947



4291887153



4285095526



4289200251



4280877086



# Inverse Universe

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



4291887257



4294901947



4278243744



4285095526



4289200251



4280877086



# Previews

## White Background



This preview shows how the Android color 4291887257 looks on a white background.

## Color Contrast Check

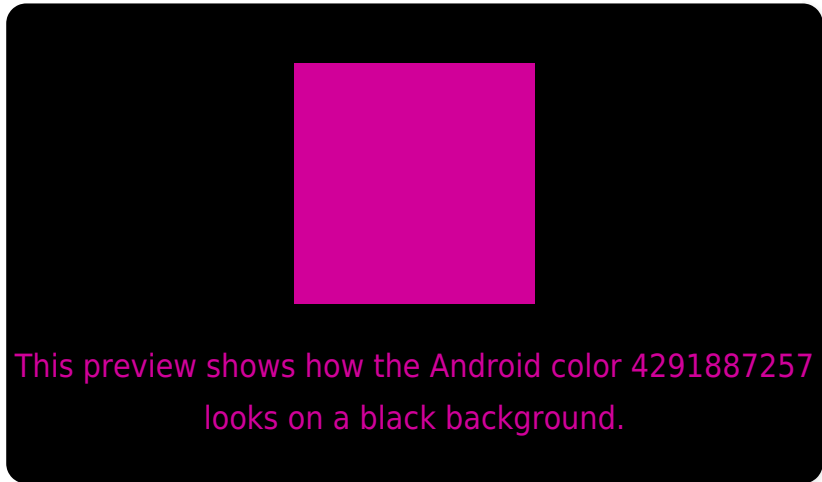
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291887257 Background



This preview shows how black text looks on a background with the Android color 4291887257.



This preview shows how white text looks on a background with the Android color 4291887257.

# 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**

4291887257



**Protanomaly**

4285285826



**Deuteranomaly**

4287711123



**Tritanomaly**

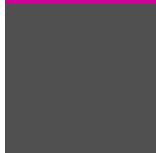
4291634784

# Monochromacy



**Original Color**

4291887257



**Achromatopsia**

4283453520



**Achromatomaly**

4286526315

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291887257 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, 0, 153)` looks like.

```
.text, #text, p{  
    color:rgb(209, 0, 153)  
}
```

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, 0, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 153) }
```

## Border

The CSS property to change the border of an element to Android 4291887257 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, 0, 153) }
```

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

```
.border{ border-color:rgb(209, 0, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 0, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 153);  
box-shadow:4px 4px 4px 4px rgb(209, 0,  
153) }
```

# Background

The CSS property to change the background color of an element to Android 4291887257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 0, 153) }
```

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

```
.background{ background-color: rgb(209, 0,  
153) }
```

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