

# Converting Colors

Android(4292233167)

Have a look what the booklet for  
Android(4292233167) contains.

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# **Color**

**Android(4292233167)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D647CF
RGB	214, 71, 207
RGB Percent	84%, 28%, 81%
CMY	0.1608, 0.7216, 0.1882
CMYK	0.00, 0.67, 0.03, 0.16
HSL	303°, 64%, 56%
HSV	303°, 67%, 84%
XYZ	41.2473, 23.3076, 61.3563
YIQ	129.2610, 41.5720, 72.6120

# Conversions

## Conversions Part 2

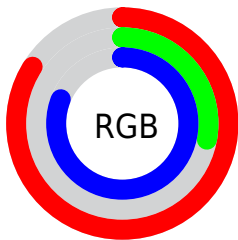
Format	Color
<a href="#">RYB</a>	<a href="#">214, 71, 207</a>
Decimal	<a href="#">14043087</a>
CIELab	<a href="#">55.39, 70.84, -42.11</a>
CIELCh	<a href="#">55, 82.415, 329.271</a>
Yxy	<a href="#">23.3076, 0.3276, 0.1851</a>
Android (android.graphics.Color)	<a href="#">4292233167 (0xFFD647CF)</a>
YUV	<a href="#">129.2610, 38.3253, 74.3161</a>
Hunter-Lab	<a href="#">48.2780, 68.0188, -41.5569</a>

# Details

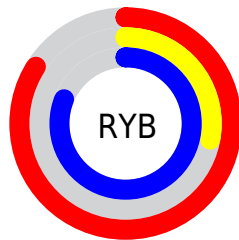
The Android color `4292233167` is a light color, and the websafe version is hex `CC33CC`. The color can be described as light muted magenta. A complement of this color would be `4282897998`, and the grayscale version is `4286677377`.

A 20% lighter version of the original color is `4294935295`, and `4288413848` is the 20% darker color. If you saturate the color by 10%, you get `4292227790`, and if you desaturate by 10%, it is `4292238544`.

# Distribution



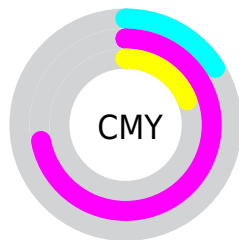
- Red (84%)
- Green (28%)
- Blue (81%)



- Red (84%)
- Yellow (28%)
- Blue (81%)



- Cyan (0%)
- Magenta (67%)
- Yellow (3%)
- Black (16%)



- Cyan (16%)
- Magenta (72%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292233167 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 4292233167 by changing the saturation by 10% instead.



 4292233167

 4292233167

4294967295

 4290323891

 4294935295

 4288413848

 4294942719

 4286513278

 4294950143

 4284678244

 4294957567

 4282908748

 4294965247

 4281139252

 4278255646

 4278190080

 4292233167

 4292233167

 4292227790

 4292238544

 4292222157

 4292244177

 4292216780

 4292249554

 4292214988

 4292255187

 4292260564

 4292265941

 4292271574

 4292276951

 4292280280

# Harmonies

## Analogous

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



4285887231



4292233167



4294711946

# Triad

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



4292233167



4288839936



4278232009

# Complementary

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



4292233167



4282897998

# 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.



4278231681



4292233167



4284191744

# Square

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



4292233167



4292370944



4278230580



4278230783

# Rectangle

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



4292233167



4294846299



4278230580



4278231986



# Sweetspot

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



4292233167



4294954237



4283189206



4286603646



4278190080



4286611584



# Same Dimension

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



4292233167



4294915061



4292233098



4285227115



4289396898



4281008169



# Inverse Universe

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



4292233167



4294915061



4282898067



4285227115



4289396898



4281008169



# Previews

## White Background



This preview shows how the Android color 4292233167 looks on a white background.

## Color Contrast Check

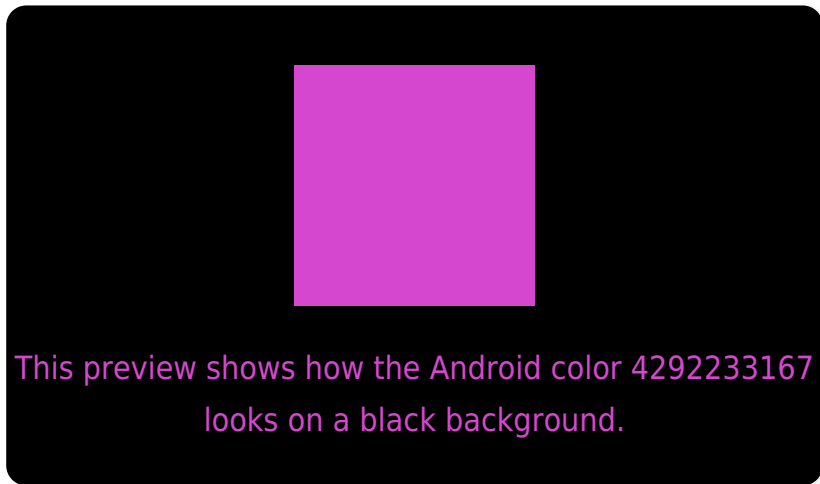
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

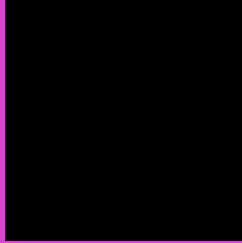
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4292233167 Background



This preview shows how black text looks on a background with the Android color 4292233167.



This preview shows how white text looks on a background with the Android color 4292233167.

# 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**

4292233167



**Protanomaly**

4285885678



**Deuteranomaly**

4287721161



**Tritanomaly**

4291779217

# Monochromacy



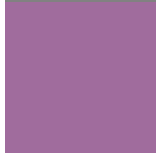
**Original Color**

4292233167



**Achromatopsia**

4286677377



**Achromatomaly**

4288703645

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292233167 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(214, 71, 207)` looks like.

```
.text, #text, p{  
    color:rgb(214, 71, 207)  
}
```

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(214, 71, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 71, 207) }
```

## Border

The CSS property to change the border of an element to Android 4292233167 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(214, 71, 207) }
```

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

```
.border{ border-color:rgb(214, 71, 207) }
```

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

Here you see how a box with a 4 pixel rgb(214, 71, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 71, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 71, 207);  
box-shadow:4px 4px 4px 4px rgb(214, 71,  
207) }
```

# Background

The CSS property to change the background color of an element to Android 4292233167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 71, 207) }
```

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

```
.background{ background-color: rgb(214, 71,  
207) }
```

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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