

# Converting Colors

Android(4292684756)

Have a look what the booklet for  
Android(4292684756) contains.

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# **Color**

**Android(4292684756)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DD2BD4
RGB	221, 43, 212
RGB Percent	87%, 17%, 83%
CMY	0.1333, 0.8314, 0.1686
CMYK	0.00, 0.81, 0.04, 0.13
HSL	303°, 72%, 52%
HSV	303°, 81%, 87%
XYZ	42.5663, 21.8534, 64.2620
YIQ	115.4880, 51.8390, 90.2950

# Conversions

## Conversions Part 2

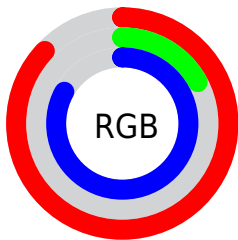
Format	Color
R <sub>YB</sub>	221, 43, 212
Decimal	14494676
CIE <sub>Lab</sub>	53.87, 81.37, -47.30
CIE <sub>LCh</sub>	54, 94.120, 329.835
Yxy	21.8534, 0.3308, 0.1698
Android (android.graphics.Color)	4292684756 (0xFFDD2BD4)
YUV	115.4880, 47.5804, 92.5340
Hunter-Lab	46.7476, 80.7261, -48.7802

# Details

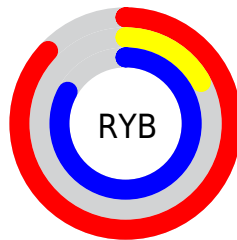
The Android color **4292684756** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **4281064756**, and the grayscale version is **4285756275**.

A 20% lighter version of the original color is **4294930431**, and **4288741533** is the 20% darker color. If you saturate the color by 10%, you get **4292679123**, and if you desaturate by 10%, it is **4292690389**.

# Distribution



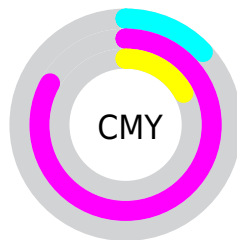
- Red (87%)
- Green (17%)
- Blue (83%)



- Red (87%)
- Yellow (17%)
- Blue (83%)



- Cyan (0%)
- Magenta (81%)
- Yellow (4%)
- Black (13%)



- Cyan (13%)
- Magenta (83%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292684756 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 4292684756 by changing the saturation by 10% instead.





4292684756



4292684756

4294967295



4290707640



4294930431



4288741533



4294938367



4286840962



4294945791



4284940392



4294953471



4283170895



4294961407



4281270328



4278714401



4278190085



4278190080

■ 4292684756

■ 4292684756

■ 4292679123

■ 4292690389

■ 4292673746

■ 4292696022

■ 4292701655

■ 4292707288

■ 4292713178

■ 4292718811

■ 4292724444

■ 4292730077

■ 4292735710

# Harmonies

## Analogous

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



4285099007



4292684756



4294901893

# Triad

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



4292684756



4288511488



4278231504

# Complementary

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



4292684756



4281064756

# 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.



4278231422



4292684756



4282946048

# Square

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



4292684756



4292499456



4278230050



4278230527

# Rectangle

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



4292684756



4294901840



4278230050



4278231734



# Sweetspot

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



4292684756



4294951676



4281609181



4286602110



4278190080



4286611584



# Same Dimension

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



4292684756



4294904050



4292684667



4285424493



4289527973



4281204780



# Inverse Universe

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



4292684756



4294904050



4281064845



4285424493



4289527973



4281204780



# Previews

## White Background



This preview shows how the Android color 4292684756 looks on a white background.

## Color Contrast Check

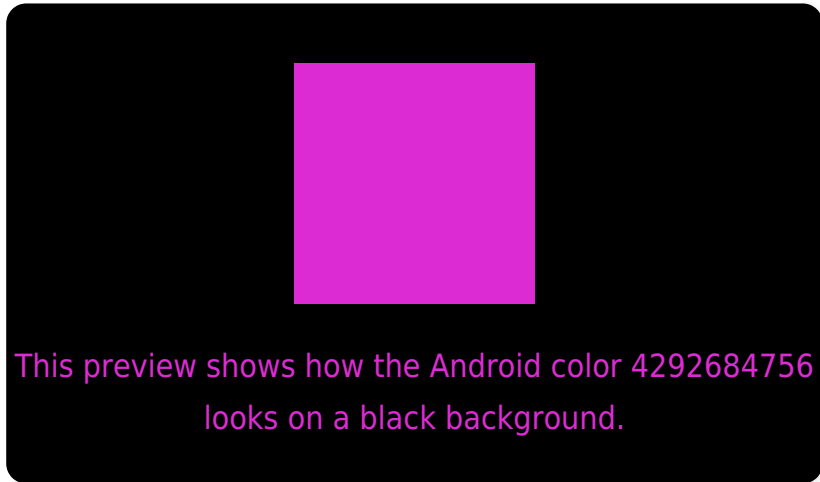
Large Text (above 18pt) WCAG AA ✓ Pass

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

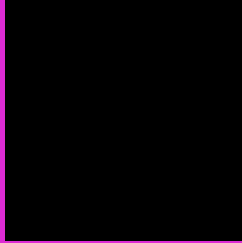
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4292684756 Background



This preview shows how black text looks on a background with the Android color 4292684756.



This preview shows how white text looks on a background with the Android color 4292684756.

# 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**  
4291910240

# Trichromacy



**Original Color**

4292684756



**Protanomaly**

4285358063



**Deuteranomaly**

4287390412



**Tritanomaly**

4292168074

# Monochromacy



**Original Color**

4292684756



**Achromatopsia**

4285756275



**Achromatomaly**

4288305558

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292684756 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(221, 43, 212)` looks like.

```
.text, #text, p{  
    color:rgb(221, 43, 212)  
}
```

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(221, 43, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 43, 212) }
```

## Border

The CSS property to change the border of an element to Android 4292684756 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(221, 43, 212) }
```

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

```
.border{ border-color:rgb(221, 43, 212) }
```

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

Here you see how a box with a 4 pixel rgb(221, 43, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 43, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 43, 212);  
box-shadow:4px 4px 4px 4px rgb(221, 43,  
212) }
```

# Background

The CSS property to change the background color of an element to Android 4292684756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 43, 212) }
```

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

```
.background{ background-color: rgb(221, 43,  
212) }
```

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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