

# Converting Colors

Android(4291494072)

Have a look what the booklet for  
Android(4291494072) contains.

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**Color**

**Android(4291494072)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB00B8
RGB	203, 0, 184
RGB Percent	80%, 0%, 72%
CMY	0.2039, 1.0000, 0.2784
CMYK	0.00, 1.00, 0.09, 0.20
HSL	306°, 100%, 40%
HSV	306°, 100%, 80%
XYZ	33.2803, 16.1572, 46.7120
YIQ	81.6730, 61.9240, 100.2600

# Conversions

## Conversions Part 2

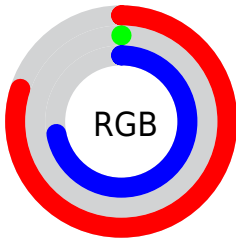
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 0, 184
Decimal	13303992
CIE <sub>Lab</sub>	47.18, 80.09, -41.91
CIE <sub>LCh</sub>	47, 90.389, 332.376
Yxy	16.1572, 0.3461, 0.1680
Android (android.graphics.Color)	4291494072 (0xFFCB00B8)
YUV	81.6730, 50.4472, 106.4038
Hunter-Lab	40.1960, 77.4462, -40.7640

# Details

The Android color **4291494072** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as dark washed rose. A complement of this color would be **4278242067**, and the grayscale version is **4283519313**.

A 20% lighter version of the original color is **4294925553**, and **4287627394** is the 20% darker color. If you saturate the color by 10%, you get **4291494072**, and if you desaturate by 10%, it is **4291499194**.

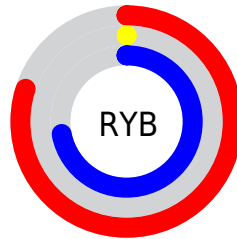
# Distribution



Red (80%)

Green (0%)

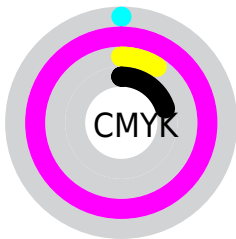
Blue (72%)



Red (80%)

Yellow (0%)

Blue (72%)

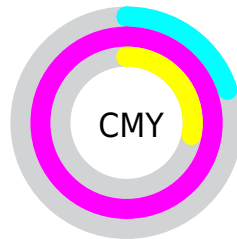


Cyan (0%)

Magenta (100%)

Yellow (9%)

Black (20%)



Cyan (20%)

Magenta (100%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291494072 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 4291494072 by changing the saturation by 10% instead.



 4291494072

 4291494072

4294967295

 4289527965

 4294925553

 4287627394

 4294933247

 4285726825

 4294940927

 4283891792

 4294948607

 4282122296


 4294956287

 4280090658

 4294963967

 4278190086

 4278190080

 4291494072

■ 4291499194

■ 4291504572

■ 4291509694

■ 4291514816

■ 4291520194

■ 4291525315

■ 4291530437

■ 4291535559

■ 4291540937

# Harmonies

## Analogous

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



4284897267



4291494072



4293722222

# Triad

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



4291494072



4286869248



4278226625

# Complementary

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



4291494072



4278242067

# 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.



4278226292



4291494072



4281172224

# Square

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



4291494072



4290661632



4278225439



4278225401

# Rectangle

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



4291494072



4293591100



4278225439



4278226600



# Sweetspot

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



4291494072



4294947832



4279304395



4286599803



4278190080



4286611584



# Same Dimension

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



4291494072



4294901991



4291493973



4284898405



4289069206



4280680483



# Inverse Universe

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



4291494072



4294901991



4278242166



4284898405



4289069206



4280680483



# Previews

## White Background



This preview shows how the Android color 4291494072 looks on a white background.

## Color Contrast Check

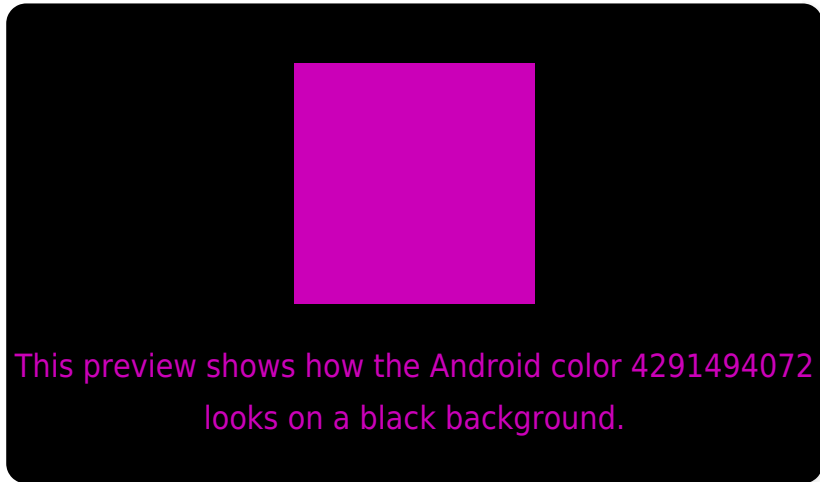
Large Text (above 18pt) WCAG AA ✓ Pass

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

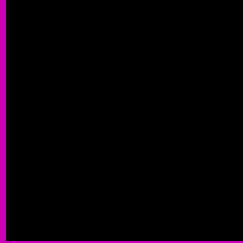
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4291494072 Background



This preview shows how black text looks on a background with the Android color 4291494072.



This preview shows how white text looks on a background with the Android color 4291494072.

# 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



**Original Color**  
4291494072

**Protanopia**  
4278218473

**Deuteranopia**  
4283855277



# Trichromacy



**Original Color**  
4291494072



**Protanomaly**  
4283057879



**Deuteranomaly**  
4286662833



**Tritanomaly**  
4291112564

# Monochromacy



**Original Color**  
4291494072



**Achromatopsia**  
4283585106



**Achromatomaly**  
4286461047

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291494072 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, 0, 184)` looks like.

```
.text, #text, p{  
    color:rgb(203, 0, 184)  
}
```

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, 0, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 0, 184) }
```

## Border

The CSS property to change the border of an element to Android 4291494072 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, 0, 184) }
```

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

```
.border{ border-color:rgb(203, 0, 184) }
```

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

Here you see how a box with a 4 pixel rgb(203, 0, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 0, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 0, 184);  
box-shadow:4px 4px 4px 4px rgb(203, 0,  
184) }
```

# Background

The CSS property to change the background color of an element to Android 4291494072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 0, 184) }
```

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

```
.background{ background-color: rgb(203, 0,  
184) }
```

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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