

# Converting Colors

Android(4291428544)

Have a look what the booklet for  
Android(4291428544) contains.

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**Color**

**Android(4291428544)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA00C0
RGB	202, 0, 192
RGB Percent	79%, 0%, 75%
CMY	0.2078, 1.0000, 0.2471
CMYK	0.00, 1.00, 0.05, 0.21
HSL	303°, 100%, 40%
HSV	303°, 100%, 79%
XYZ	33.8715, 16.3623, 51.2422
YIQ	82.2860, 58.7600, 102.5360

# Conversions

## Conversions Part 2

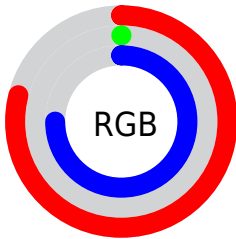
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 0, 192
Decimal	13238464
CIE <sub>Lab</sub>	47.45, 81.01, -46.18
CIE <sub>LCh</sub>	47, 93.250, 330.317
Yxy	16.3623, 0.3338, 0.1612
Android (android.graphics.Color)	4291428544 (0xFFCA00C0)
YUV	82.2860, 54.0890, 104.9892
Hunter-Lab	40.4504, 78.6807, -46.7928

# Details

The Android color **4291428544** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **4278241802**, and the grayscale version is **4283585106**.

A 20% lighter version of the original color is **4294925561**, and **4287561866** is the 20% darker color. If you saturate the color by 10%, you get **4291428544**, and if you desaturate by 10%, it is **4291433665**.

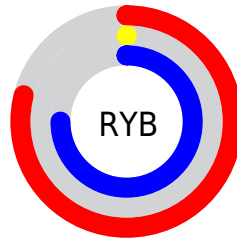
# Distribution



Red (79%)

Green (0%)

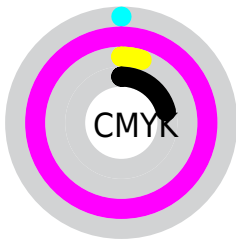
Blue (75%)



Red (79%)

Yellow (0%)

Blue (75%)

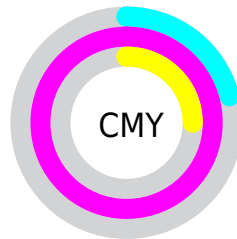


Cyan (0%)

Magenta (100%)

Yellow (5%)

Black (21%)



Cyan (21%)

Magenta (100%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291428544 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 4291428544 by changing the saturation by 10% instead.



 4291428544

 4291428544

4294967295

 4289462436

 4294925561

 4287561866

 4294933503

 4285661296

 4294941183

 4283826263

 4294948607

 4282056767


 4294956287

 4280025127

 4294964223

 4278190352

 4278190080

 4291428544

■ 4291433665

■ 4291438786

■ 4291444163

■ 4291449284

■ 4291454405

■ 4291459526

■ 4291464647

■ 4291470024

■ 4291475145

# Harmonies

## Analogous

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



4283915003



4291428544



4293984372

# Triad

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



4291428544



4287196672



4278226879

# Complementary

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



4291428544



4278241802

# 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.



4278226543



4291428544



4281631232

# Square

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



4291428544



4291053824



4278225426



4278225915

# Rectangle

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



4291428544



4293984321



4278225426



4278226854



# Sweetspot

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



4291428544



4294947835



4278649034



4286599805



4278190080



4286611584



# Same Dimension

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



4291428544



4294902002



4291428446



4284898405



4289069214



4280680484



# Inverse Universe

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



4291428544



4294902002



4278241900



4284898405



4289069214



4280680484



# Previews

## White Background



This preview shows how the Android color 4291428544 looks on a white background.

## Color Contrast Check

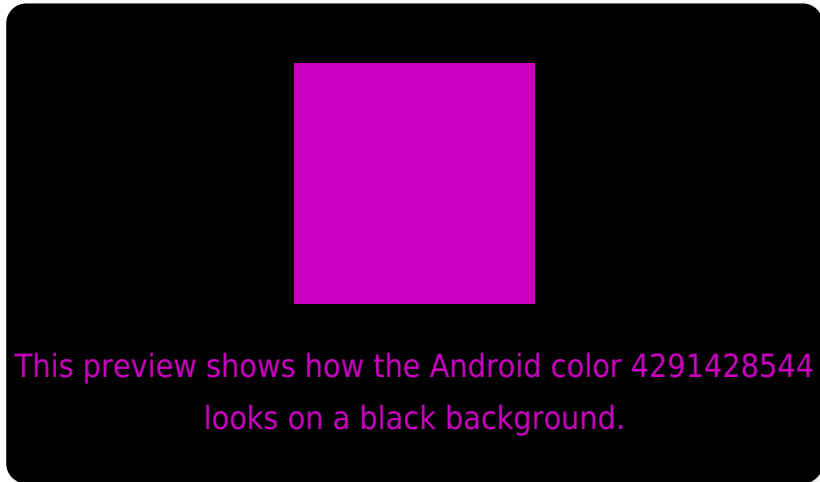
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291428544 Background



This preview shows how black text looks on a background with the Android color 4291428544.



This preview shows how white text looks on a background with the Android color 4291428544.

# 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**

4291428544



**Protanomaly**

4282992347



**Deuteranomaly**

4286269880



**Tritanomaly**

4290982009

# Monochromacy



**Original Color**

4291428544



**Achromatopsia**

4283585106



**Achromatomaly**

4286461050

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291428544 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(202, 0, 192)` looks like.

```
.text, #text, p{  
    color:rgb(202, 0, 192)  
}
```

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(202, 0, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 0, 192) }
```

## Border

The CSS property to change the border of an element to Android 4291428544 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(202, 0, 192) }
```

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

```
.border{ border-color:rgb(202, 0, 192) }
```

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

Here you see how a box with a 4 pixel rgb(202, 0, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 0, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 0, 192);  
box-shadow:4px 4px 4px 4px rgb(202, 0,  
192) }
```

# Background

The CSS property to change the background color of an element to Android 4291428544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 0, 192) }
```

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

```
.background{ background-color: rgb(202, 0,  
192) }
```

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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