

# Converting Colors

Android(4291302344)

Have a look what the booklet for  
Android(4291302344) contains.

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**Color**

**Android(4291302344)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C813C8
RGB	200, 19, 200
RGB Percent	78%, 7%, 78%
CMY	0.2157, 0.9255, 0.2157
CMYK	0.00, 0.91, 0.00, 0.22
HSL	300°, 83%, 43%
HSV	300°, 90%, 78%
XYZ	34.4776, 16.9152, 56.0914
YIQ	93.7530, 49.7750, 94.6630

# Conversions

## Conversions Part 2

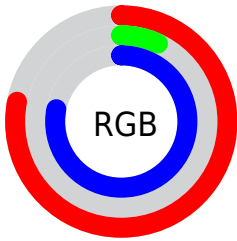
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	200, 19, 200
Decimal	13112264
CIE <sub>Lab</sub>	48.15, 80.07, -49.72
CIE <sub>LCh</sub>	48, 94.249, 328.162
Y <sub>xy</sub>	16.9152, 0.3208, 0.1574
Android (android.graphics.Color)	4291302344 (0xFFC813C8)
Y <sub>UV</sub>	93.7530, 52.3798, 93.1786
Hunter-Lab	41.1281, 77.6619, -52.0712

# Details

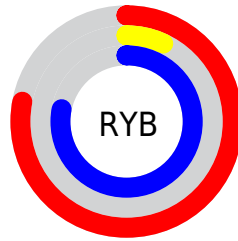
The Android color `4291302344` is a dark color, and the websafe version is hex `CC00CC`. The color can be described as middle washed magenta. A complement of this color would be `4279486483`, and the grayscale version is `4284308829`.

A 20% lighter version of the original color is `4294926847`, and `4287430801` is the 20% darker color. If you saturate the color by 10%, you get `4291297480`, and if you desaturate by 10%, it is `4291307464`.

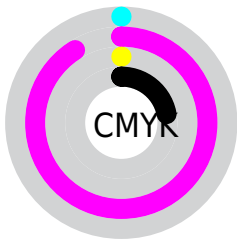
# Distribution



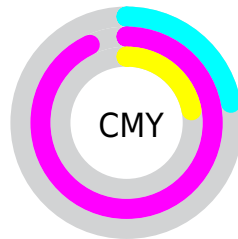
- Red (78%)
- Green (7%)
- Blue (78%)



- Red (78%)
- Yellow (7%)
- Blue (78%)



- Cyan (0%)
- Magenta (91%)
- Yellow (0%)
- Black (22%)




- Cyan (22%)
- Magenta (93%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291302344 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 4291302344 by changing the saturation by 10% instead.



 4291302344

 4291302344

4294967295

 4289331372

 4294926847

 4287430801

 4294934527

 4285530231

 4294942207

 4283695197

 4294949631

 4281925701


 4294957311


 4279894062

 4294964991

 4278190360

 4278190080

 4291302344

 4291302344

■ 4291297480

■ 4291307464

■ 4291312584

■ 4291317704

■ 4291322824

■ 4291327944

■ 4291333064

■ 4291338184

■ 4291343304

■ 4291348424

# Harmonies

## Analogous

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



4282802175



4291302344



4294115451

# Triad

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



4291302344



4287655424



4278227388

# Complementary

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



4291302344



4279486483

# 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.



4278227051



4291302344



4282286848

# Square

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



4291302344



4291511808



4278225924



4278226683

# Rectangle

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



4291302344



4294246471



4278225924



4278227362



# Sweetspot

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



4291302344



4294949631



4279440328



4286601088



4278190080



4286611584



# Same Dimension

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



4291302344



4294902015



4291302254



4284701283



4288872611



4280549412



# Inverse Universe

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



4291302344



4294902015



4279486574



4284701283



4288872611



4280549412



# Previews

## White Background



This preview shows how the Android color 4291302344 looks on a white background.

## Color Contrast Check

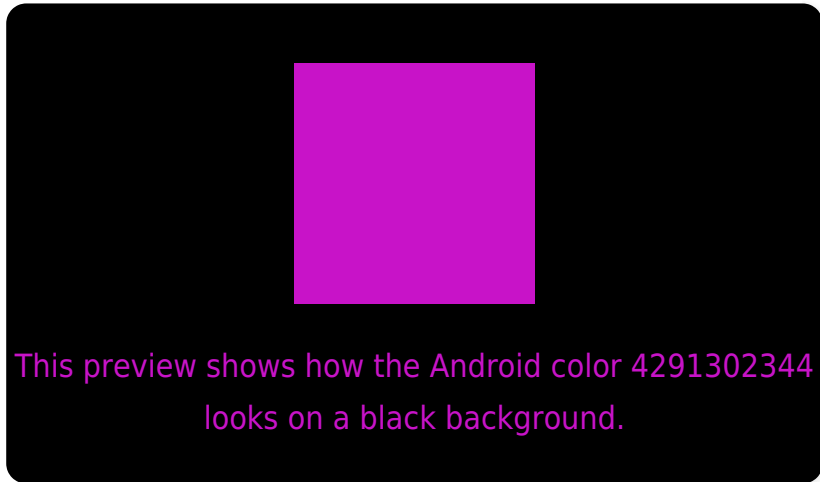
Large Text (above 18pt) WCAG AA ✓ Pass

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

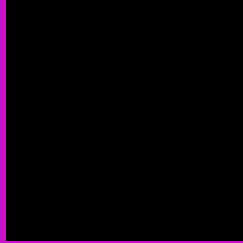
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4291302344 Background



This preview shows how black text looks on a background with the Android color 4291302344.



This preview shows how white text looks on a background with the Android color 4291302344.

# 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**

4291302344

**Protanopia**

4278218732

**Deuteranopia**

4282807484



# Trichromacy



**Original Color**

4291302344



**Protanomaly**

4282994399



**Deuteranomaly**

4285878720



**Tritanomaly**

4290787967

# Monochromacy



**Original Color**

4291302344



**Achromatopsia**

4284374622



**Achromatomaly**

4286923653

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291302344 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(200, 19, 200)` looks like.

```
.text, #text, p{  
    color:rgb(200, 19, 200)  
}
```

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(200, 19, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 19, 200) }
```

## Border

The CSS property to change the border of an element to Android 4291302344 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(200, 19, 200) }
```

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

```
.border{ border-color:rgb(200, 19, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 19, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 19, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 19, 200);  
box-shadow:4px 4px 4px 4px rgb(200, 19,  
200) }
```

# Background

The CSS property to change the background color of an element to Android 4291302344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 19, 200) }
```

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

```
.background{ background-color: rgb(200, 19,  
200) }
```

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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