

# Converting Colors

Android(4291169013)

Have a look what the booklet for  
Android(4291169013) contains.

<b>Android(4291169013)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4291169013)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C60AF5
RGB	198, 10, 245
RGB Percent	78%, 4%, 96%
CMY	0.2235, 0.9608, 0.0392
CMYK	0.19, 0.96, 0.00, 0.04
HSL	288°, 92%, 50%
HSV	288°, 96%, 96%
XYZ	39.8787, 18.8154, 87.9161
YIQ	93.0020, 36.6130, 112.9410

# Conversions

## Conversions Part 2

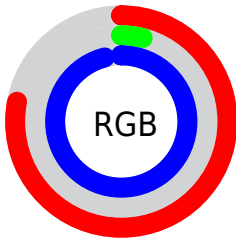
<b>Format</b>	<b>Color</b>
<b>RYB</b>	198, 10, 245
Decimal	12978933
CIELab	50.47, 87.80, -71.63
CIELCh	50, 113.317, 320.792
Yxy	18.8154, 0.2720, 0.1283
Android (android.graphics.Color)	4291169013 (0xFFC60AF5)
YUV	93.0020, 74.9350, 92.0832
Hunter-Lab	43.3767, 88.1957, -89.8054

# Details

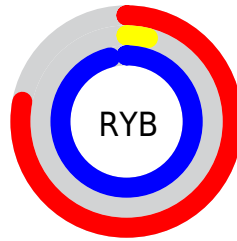
The Android color `4291169013` is a light color, and the websafe version is hex `CC00FF`. The color can be described as light saturated magenta. A complement of this color would be `4281988362`, and the grayscale version is `4284243036`.

A 20% lighter version of the original color is `4294926591`, and `4287234235` is the 20% darker color. If you saturate the color by 10%, you get `4291035381`, and if you desaturate by 10%, it is `4291502837`.

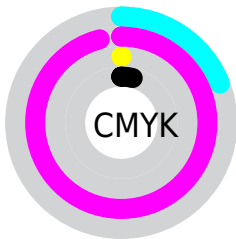
# Distribution



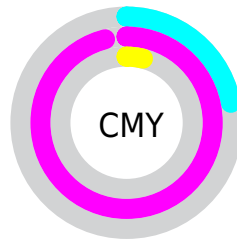
- Red (78%)
- Green (4%)
- Blue (96%)



- Red (78%)
- Yellow (4%)
- Blue (96%)



- Cyan (19%)
- Magenta (96%)
- Yellow (0%)
- Black (4%)




- Cyan (22%)
- Magenta (96%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291169013 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 4291169013 by changing the saturation by 10% instead.



 4291169013

 4291169013

4294967295

 4289200344

 4294926591

 4287234235

 4294934527

 4285268128

 4294942463

 4283236485

 4294950143

 4281335915

 4294957823

 4278190161

 4294965503

 4278190649

 4278190626

 4278190088

■ 4291169013

■ 4291169013

■ 4291035381

■ 4291502837

■ 4291836917

■ 4292170997

■ 4292504821

■ 4292838645

■ 4293107189

■ 4293441269

■ 4293775093

■ 4294109173

# Harmonies

## Analogous

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



4278218495



4291169013



4294901914

# Triad

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



4291169013



4289423872



4278230203

# Complementary

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



4291169013



4281988362

# 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.



4278229334



4291169013



4283401984

# Square

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



4291169013



4293664768



4278227968



4278230015

# Rectangle

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



4291169013



4294901851



4278227968



4278229914



# Sweetspot

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



4291169013



4293965311



4278860277



4286010240



4278190080



4286611584



# Same Dimension

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



4291169013



4291559679



4294249135



4286082682



4287955130



4281270331



# Inverse Universe

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



4294249017



4294901811



4278908241



4286213745



4290379813



4282056716



# Previews

## White Background



This preview shows how the Android color 4291169013 looks on a white background.

## Color Contrast Check

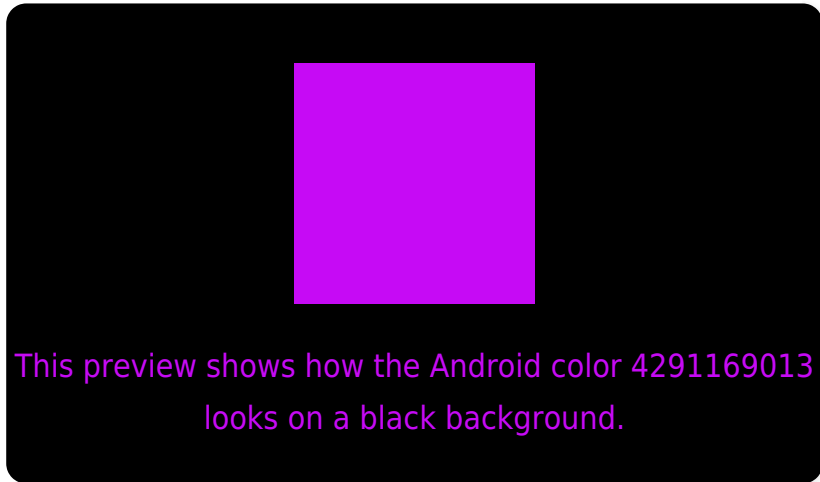
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291169013 Background



This preview shows how black text looks on a background with the Android color 4291169013.



This preview shows how white text looks on a background with the Android color 4291169013.

# 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**  
4291169013

**Protanopia**  
4278220278

**Deuteranopia**  
4278222040



**Tritanopia**  
4289880167

# Trichromacy



**Original Color**

4291169013



**Protanomaly**

4282928886



**Deuteranomaly**

4282930147



**Tritanomaly**

4290331035

# Monochromacy



**Original Color**

4291169013



**Achromatopsia**

4284308829



**Achromatomaly**

4286791572

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291169013 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(198, 10, 245)` looks like.

```
.text, #text, p{  
    color:rgb(198, 10, 245)  
}
```

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(198, 10, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 10, 245) }
```

## Border

The CSS property to change the border of an element to Android 4291169013 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(198, 10, 245) }
```

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

```
.border{ border-color:rgb(198, 10, 245) }
```

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

Here you see how a box with a 4 pixel rgb(198, 10, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 10, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 10, 245);  
box-shadow:4px 4px 4px 4px rgb(198, 10,  
245) }
```

# Background

The CSS property to change the background color of an element to Android 4291169013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 10, 245) }
```

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

```
.background{ background-color: rgb(198, 10,  
245) }
```

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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