

# Converting Colors

Android(4291166450)

Have a look what the booklet for  
Android(4291166450) contains.

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# **Color**

**Android(4291166450)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C600F2
RGB	198, 0, 242
RGB Percent	78%, 0%, 95%
CMY	0.2235, 1.0000, 0.0510
CMYK	0.18, 1.00, 0.00, 0.05
HSL	289°, 100%, 47%
HSV	289°, 100%, 95%
XYZ	39.3157, 18.4166, 85.4870
YIQ	86.7900, 40.3260, 117.2380

# Conversions

## Conversions Part 2

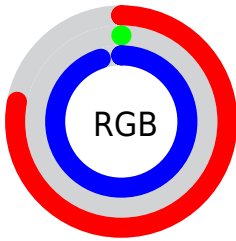
<b>Format</b>	<b>Color</b>
<b>RYB</b>	198, 0, 242
Decimal	12976370
CIELab	50.00, 88.07, -70.72
CIELCh	50, 112.950, 321.238
Yxy	18.4166, 0.2745, 0.1286
Android (android.graphics.Color)	4291166450 (0xFFC600F2)
YUV	86.7900, 76.5185, 97.5312
Hunter-Lab	42.9145, 88.4305, -88.0672

# Details

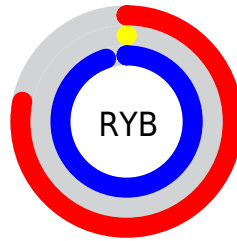
The Android color `4291166450` is a light color, and the websafe version is hex `CC00FF`. The color can be described as light saturated magenta. A complement of this color would be `4281135616`, and the grayscale version is `4283848278`.

A 20% lighter version of the original color is `4294926079`, and `4287234233` is the 20% darker color. If you saturate the color by 10%, you get `4291166450`, and if you desaturate by 10%, it is `4291434738`.

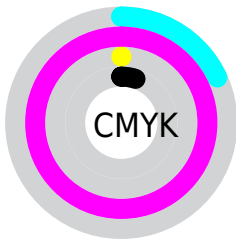
# Distribution



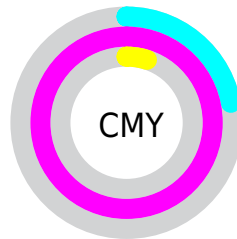
- Red (78%)
- Green (0%)
- Blue (95%)



- Red (78%)
- Yellow (0%)
- Blue (95%)



- Cyan (18%)
- Magenta (100%)
- Yellow (0%)
- Black (5%)




- Cyan (22%)
- Magenta (100%)
- Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291166450 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 4291166450 by changing the saturation by 10% instead.



 4291166450

 4291166450

4294967295

 4289200341

 4294926079

 4287234233

 4294934015

 4285268125

 4294941951

 4283302018

 4294949631

 4281401448

 4294957311

 4278255695

 4294964991

 4278190902

 4278190624

 4278190084

 4291166450

 4291434738

 4291768562

 4292037106

 4292370930

 4292639218

 4292907506

 4293241330

 4293509874

 4293843698

# Harmonies

## Analogous

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



4278217983



4291166450



4294901912

# Triad

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



4291166450



4289227264



4278229691

# Complementary

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



4291166450



4281135616

# 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.



4278229079



4291166450



4283205120

# Square

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



4291166450



4293533952



4278227712



4278229503

# Rectangle

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



4291166450



4294901849



4278227712



4278229658



# Sweetspot

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



4291166450



4294030335



4278201586



4286009984



4278190080



4286611584



# Same Dimension

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



4291166450



4291887359



4294049957



4285951096



4288020664



4281204792



# Inverse Universe

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



4294049836



4294901806



4278252109



4286082158



4290248737



4281860106



# Previews

## White Background



This preview shows how the Android color 4291166450 looks on a white background.

## Color Contrast Check

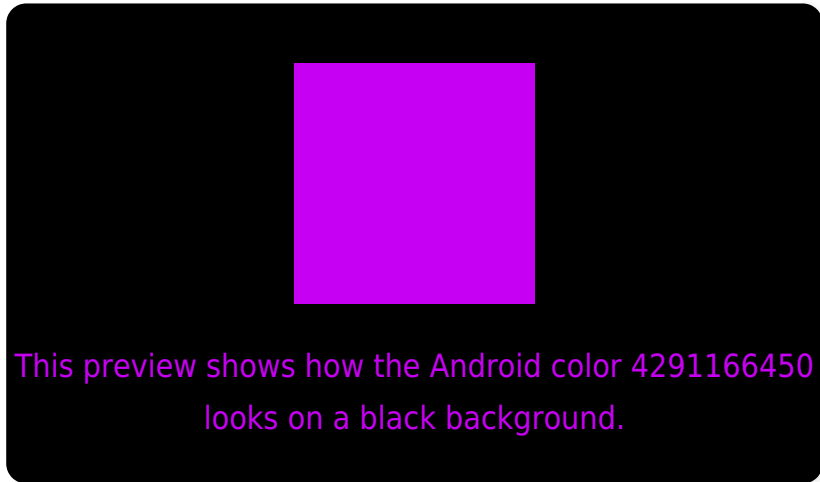
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291166450 Background



This preview shows how black text looks on a background with the Android color 4291166450.



This preview shows how white text looks on a background with the Android color 4291166450.

# 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**


4291166450

**Protanopia**

4278220021

**Deuteranopia**

4278221783



**Tritanopia**  
4289879910

# Trichromacy



**Original Color**

4291166450



**Protanomaly**

4282927860



**Deuteranomaly**

4282928865



**Tritanomaly**

4290329753

# Monochromacy



**Original Color**

4291166450



**Achromatopsia**

4283914071



**Achromatomaly**

4286527375

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291166450 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, 0, 242)` looks like.

```
.text, #text, p{  
    color:rgb(198, 0, 242)  
}
```

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, 0, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 0, 242) }
```

## Border

The CSS property to change the border of an element to Android 4291166450 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, 0, 242) }
```

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

```
.border{ border-color:rgb(198, 0, 242) }
```

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

Here you see how a box with a 4 pixel rgb(198, 0, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 0, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 0, 242);  
box-shadow:4px 4px 4px 4px rgb(198, 0,  
242) }
```

# Background

The CSS property to change the background color of an element to Android 4291166450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 0, 242) }
```

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

```
.background{ background-color: rgb(198, 0,  
242) }
```

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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