

# Converting Colors

Android(4291381152)

Have a look what the booklet for  
Android(4291381152) contains.

<b>Android(4291381152)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4291381152)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C947A0
RGB	201, 71, 160
RGB Percent	79%, 28%, 63%
CMY	0.2118, 0.7216, 0.3725
CMYK	0.00, 0.65, 0.20, 0.21
HSL	319°, 55%, 53%
HSV	319°, 65%, 79%
XYZ	32.6858, 19.4620, 35.2915
YIQ	120.0160, 48.9110, 55.2390

# Conversions

## Conversions Part 2

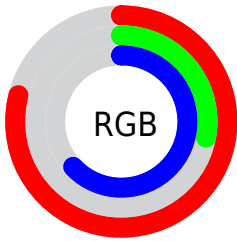
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 71, 160
Decimal	13191072
CIE <sub>Lab</sub>	51.22, 60.55, -21.48
CIE <sub>LCh</sub>	51, 64.244, 340.466
Yxy	19.4620, 0.3738, 0.2226
Android (android.graphics.Color)	4291381152 (0xFFC947A0)
YUV	120.0160, 19.7121, 71.0230
Hunter-Lab	44.1158, 55.0496, -16.5494

# Details

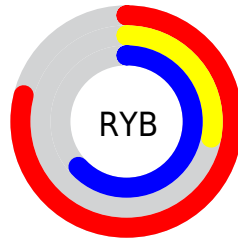
The Android color **4291381152** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **4282894704**, and the grayscale version is **4286085240**.

A 20% lighter version of the original color is **4294934487**, and **4287561836** is the 20% darker color. If you saturate the color by 10%, you get **4291376026**, and if you desaturate by 10%, it is **4291386278**.

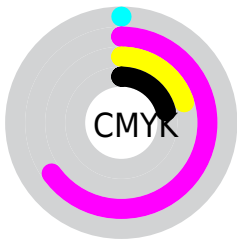
# Distribution



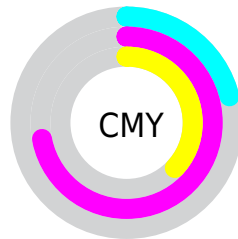
- Red (79%)
- Green (28%)
- Blue (63%)



- Red (79%)
- Yellow (28%)
- Blue (63%)



- Cyan (0%)
- Magenta (65%)
- Yellow (20%)
- Black (21%)




- Cyan (21%)
- Magenta (72%)
- Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291381152 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 4291381152 by changing the saturation by 10% instead.



 4291381152

 4291381152

4294967295

 4289472646

 4294934487

 4287561836

 4294941683

 4285726804

 4294949119

 4283957308

 4294956543

 4282318887


 4294963967

 4280418320

 4278190080

 4291381152

 4291381152

 4291376026

 4291386278

4291370899

4291391405

4291365773

4291396531

4291362954

4291401657

4291407040

4291412166

4291417292

4291422419

4291427545

# Harmonies

## Analogous

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



4287914702



4291381152



4292558441

# Triad

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



4291381152



4286676480



4278227392

# Complementary

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



4291381152



4282894704

# 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.



4278227852



4291381152



4282616346

# Square

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



4291381152



4289751552



4278227283



4278225634

# Rectangle

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



4291381152



4292233286



4278227283



4278227632



# Sweetspot

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



4291381152



4294954992



4285417417



4286603894



4278190080



4286611584



# Same Dimension

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



4291381152



4294916288



4291381089



4284701280



4288872560



4280549400



# Inverse Universe

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



4291381152



4294916288



4282894767



4284701280



4288872560



4280549400



# Previews

## White Background



This preview shows how the Android color 4291381152 looks on a white background.

## Color Contrast Check

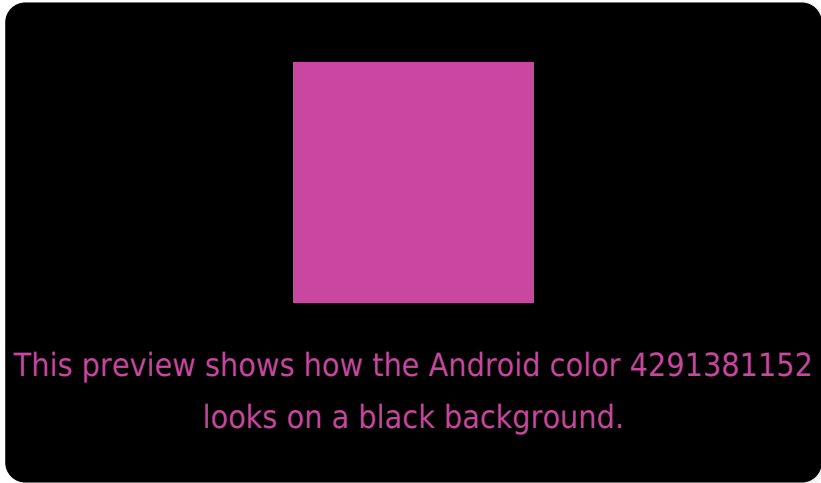
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291381152 Background



This preview shows how black text looks on a background with the Android color 4291381152.



This preview shows how white text looks on a background with the Android color 4291381152.

# Color Blindness Simulation

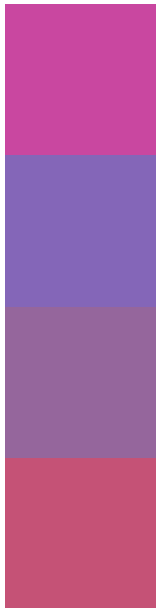
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
4291381152

**Protanomaly**  
4286867128

**Deuteranomaly**  
4287981212

**Tritanomaly**  
4291121782

# Monochromacy



**Original Color**  
4291381152

**Achromatopsia**  
4286085240

**Achromatomaly**  
4287981191

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291381152 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(201, 71, 160)` looks like.

```
.text, #text, p{  
    color:rgb(201, 71, 160)  
}
```

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(201, 71, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 71, 160) }
```

## Border

The CSS property to change the border of an element to Android 4291381152 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(201, 71, 160) }
```

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

```
.border{ border-color:rgb(201, 71, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 71, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 71, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 71, 160);  
box-shadow:4px 4px 4px 4px rgb(201, 71,  
160) }
```

# Background

The CSS property to change the background color of an element to Android 4291381152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 71, 160) }
```

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

```
.background{ background-color: rgb(201, 71,  
160) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor