

# Converting Colors

Android(4294080451)

Have a look what the booklet for  
Android(4294080451) contains.

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# **Color**

**Android(4294080451)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F277C3
RGB	242, 119, 195
RGB Percent	95%, 47%, 76%
CMY	0.0510, 0.5333, 0.2353
CMYK	0.00, 0.51, 0.19, 0.05
HSL	323°, 83%, 71%
HSV	323°, 51%, 95%
XYZ	53.0651, 36.0110, 55.7837
YIQ	164.4410, 48.9120, 49.7120

# Conversions

## Conversions Part 2

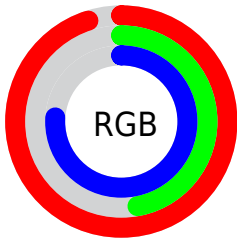
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 119, 195
Decimal	15890371
CIE <sub>Lab</sub>	66.53, 55.99, -17.74
CIE <sub>LCh</sub>	67, 58.731, 342.415
Yxy	36.0110, 0.3663, 0.2486
Android (android.graphics.Color)	4294080451 (0xFFFF277C3)
YUV	164.4410, 15.0656, 68.0192
Hunter-Lab	60.0092, 52.8284, -13.1088

# Details

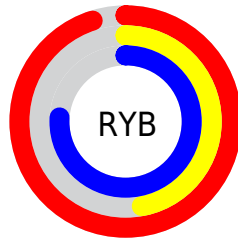
The Android color `4294080451` is a light color, and the websafe version is hex `FF66CC`. A complement of this color would be `4286050982`, and the grayscale version is `4288980132`.

A 20% lighter version of the original color is `4294946812`, and `4290199693` is the 20% darker color. If you saturate the color by 10%, you get `4294074298`, and if you desaturate by 10%, it is `4294086604`.

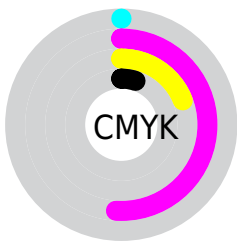
# Distribution



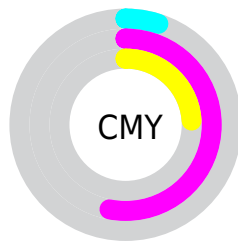
- Red (95%)
- Green (47%)
- Blue (76%)



- Red (95%)
- Yellow (47%)
- Blue (76%)



- Cyan (0%)
- Magenta (51%)
- Yellow (19%)
- Black (5%)



- Cyan (5%)
- Magenta (53%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294080451 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 4294080451 by changing the saturation by 10% instead.



 4294080451

 4294080451

4294967295

 4292107432

 4294946812

 4290199693

 4294953983

 4288356724

 4294961407

 4286513243

 4284678211

 4282908717

 4281270296

 4278190080

 4294080451

 4294080451

4294074298

4294086604

4294068145

4294092757

4294061735

4294099167

4294055582

4294105320

4294049942

4294111473

4294115322

4294115327

# Harmonies

## Analogous

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



4290874352



4294080451



4294931086

# Triad

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



4294080451



4289373746



4278237672

# Complementary

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



4294080451



4286050982

# 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.



4278238391



4294080451



4285510480

# Square

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



4294080451



4292383801



4278237568



4278235391

# Rectangle

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



4294080451



4294867308



4278237568



4278237913



# Sweetspot

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



4294080451



4294957552



4288968690



4286605687



4278190080



4286611584



# Same Dimension

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



4294080451



4294927300



4294080391



4286082163



4290248817



4281860131



# Inverse Universe

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



4294080451



4294927300



4286051042



4286082163



4290248817

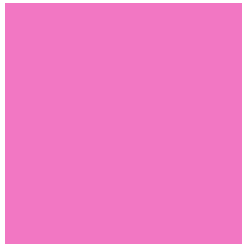


4281860131



# Previews

## White Background



This preview shows how the Android color 4294080451 looks on a white background.

## Color Contrast Check

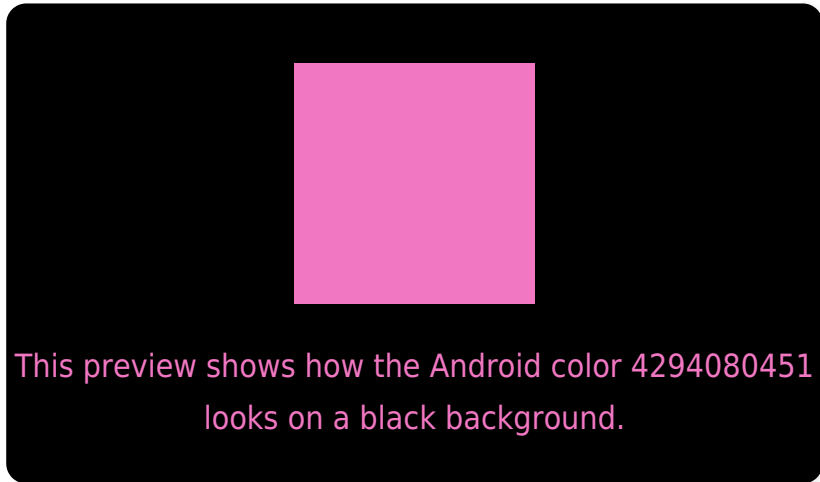
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



# Android 4294080451 Background



This preview shows how black text looks on a background with the Android color 4294080451.



This preview shows how white text looks on a background with the Android color 4294080451.

# 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**  
4294080451

**Protanopia**  
4287602912

**Deuteranopia**  
4289044156



# Trichromacy



**Original Color**  
4294080451



**Protanomaly**  
4289958357



**Deuteranomaly**  
4290875583

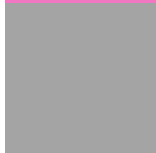


**Tritanomaly**  
4293820320

# Monochromacy



**Original Color**  
4294080451



**Achromatopsia**  
4288980132



**Achromatomaly**  
4290811055

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294080451 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(242, 119, 195)` looks like.

```
.text, #text, p{  
    color:rgb(242, 119, 195)  
}
```

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(242, 119, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 119, 195) }
```

## Border

The CSS property to change the border of an element to Android 4294080451 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(242, 119, 195) }
```

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

```
.border{ border-color:rgb(242, 119, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 119, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 119, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 119, 195);  
box-shadow:4px 4px 4px 4px rgb(242, 119,  
195) }
```

# Background

The CSS property to change the background color of an element to Android 4294080451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 119, 195) }
```

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

```
.background{ background-color: rgb(242,  
119, 195) }
```

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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