

# Converting Colors

Android(4294080177)

Have a look what the booklet for  
Android(4294080177) contains.

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# **Color**

**Android(4294080177)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F276B1
RGB	242, 118, 177
RGB Percent	95%, 46%, 69%
CMY	0.0510, 0.5373, 0.3059
CMYK	0.00, 0.51, 0.27, 0.05
HSL	331°, 83%, 71%
HSV	331°, 51%, 95%
XYZ	51.0322, 35.0084, 45.6626
YIQ	161.8020, 54.9650, 44.6370

# Conversions

## Conversions Part 2

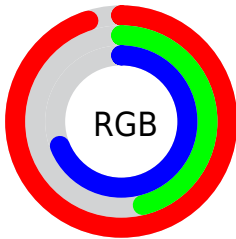
Format	Color
<a href="#">RYB</a>	<a href="#">242, 118, 177</a>
Decimal	<a href="#">15890097</a>
CIELab	<a href="#">65.76, 53.99, -8.75</a>
CIELCh	<a href="#">66, 54.696, 350.799</a>
Yxy	<a href="#">35.0084, 0.3875, 0.2658</a>
Android (android.graphics.Color)	<a href="#">4294080177</a> ( <a href="#">0xFFFF276B1</a> )
YUV	<a href="#">161.8020, 7.4926, 70.3336</a>
Hunter-Lab	<a href="#">59.1679, 50.4119, -4.3392</a>

# Details

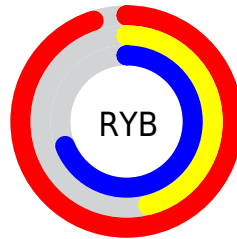
The Android color `4294080177` is a light color, and the websafe version is hex `CC6699`. A complement of this color would be `4285985463`, and the grayscale version is `4288848546`.

A 20% lighter version of the original color is `4294946537`, and `4290199420` is the 20% darker color. If you saturate the color by 10%, you get `4294074020`, and if you desaturate by 10%, it is `4294086334`.

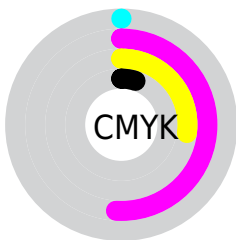
# Distribution



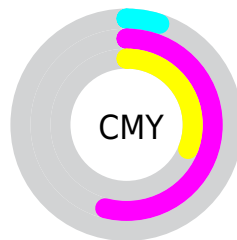
- Red (95%)
- Green (46%)
- Blue (69%)



- Red (95%)
- Yellow (46%)
- Blue (69%)



- Cyan (0%)
- Magenta (51%)
- Yellow (27%)
- Black (5%)



- Cyan (5%)
- Magenta (54%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294080177 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 4294080177 by changing the saturation by 10% instead.





4294080177



4294080177

4294967295



4292107158



4294946537



4290199420



4294953727



4288291172



4294961151



4286447692



4284612661



4282843168



4281204741



4278190080



4294080177



4294080177

 4294074020

 4294086334

 4294067864

 4294092490

 4294061451

 4294098903

 4294055294

 4294105060

 4294049907

 4294111216

 4294115325

 4294115327

# Harmonies

## Analogous

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



4291659230



4294080177



4294604416

# Triad

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



4294080177



4288325438



4278236395

# Complementary

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



4294080177



4285985463

# 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.



4278237377



4294080177



4284461663

# Square

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



4294080177



4291336251



4278237070



4278233855

# Rectangle

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



4294080177



4294082402



4278237070



4278236895



# Sweetspot

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



4294080177



4294957547



4290148082



4286605683



4278190080



4286611584



# Same Dimension

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



4294080177



4294927277



4294080630



4286082162



4290248791



4281860123



# Inverse Universe

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



4294080177



4294927277



4285985010



4286082162



4290248791



4281860123



# Previews

## White Background



This preview shows how the Android color 4294080177 looks on a white background.

## Color Contrast Check

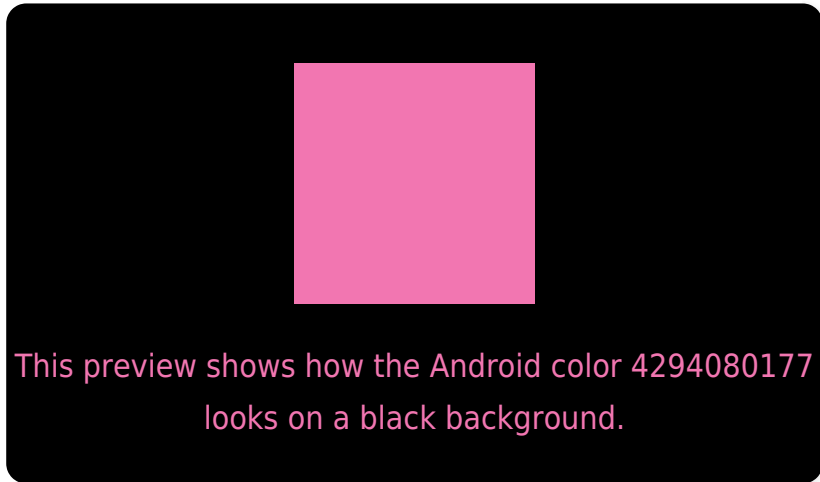
Large Text (above 18pt) WCAG AA × Fail

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 4294080177 Background



This preview shows how black text looks on a background with the Android color 4294080177.




This preview shows how white text looks on a background with the Android color 4294080177.

# 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





**Tritanopia**  
4293820039

# Trichromacy



**Original Color**

4294080177



**Protanomaly**

4290219970



**Deuteranomaly**

4291137197



**Tritanomaly**

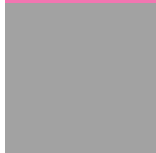
4293884822

# Monochromacy



**Original Color**

4294080177



**Achromatopsia**

4288848546



**Achromatomaly**

4290744999

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294080177 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, 118, 177)` looks like.

```
.text, #text, p{  
    color:rgb(242, 118, 177)  
}
```

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, 118, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 118, 177) }
```

## Border

The CSS property to change the border of an element to Android 4294080177 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, 118, 177) }
```

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

```
.border{ border-color:rgb(242, 118, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 118, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 118, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 118, 177);  
box-shadow:4px 4px 4px 4px rgb(242, 118,  
177) }
```

# Background

The CSS property to change the background color of an element to Android 4294080177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 118, 177) }
```

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

```
.background{ background-color: rgb(242,  
118, 177) }
```

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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