

# Converting Colors

Android(4294277312)

Have a look what the booklet for  
Android(4294277312) contains.

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# **Color**

**Android(4294277312)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F578C0
RGB	245, 120, 192
RGB Percent	96%, 47%, 75%
CMY	0.0392, 0.5294, 0.2471
CMYK	0.00, 0.51, 0.22, 0.04
HSL	325°, 86%, 72%
HSV	325°, 51%, 96%
XYZ	53.8871, 36.6512, 54.1034
YIQ	165.5830, 51.3880, 48.8920

# Conversions

## Conversions Part 2

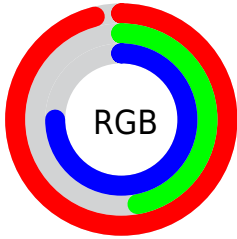
Format	Color
R <sub>Y</sub> B	245, 120, 192
Decimal	16087232
CIE Lab	67.01, 56.01, -15.28
CIE LCh	67, 58.053, 344.737
Yxy	36.6512, 0.3726, 0.2534
Android (android.graphics.Color)	4294277312 (0xFFFF578C0)
YUV	165.5830, 13.0236, 69.6487
Hunter-Lab	60.5402, 52.9381, -10.6079

# Details

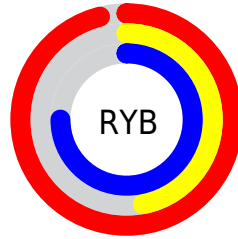
The Android color `4294277312` is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be `4286117293`, and the grayscale version is `4289045925`.

A 20% lighter version of the original color is `4294947064`, and `4290396554` is the 20% darker color. If you saturate the color by 10%, you get `4294271158`, and if you desaturate by 10%, it is `4294283722`.

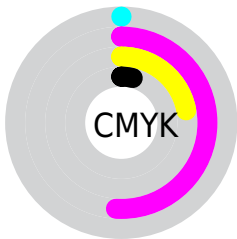
# Distribution



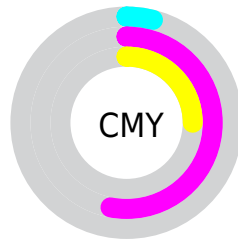
- Red (96%)
- Green (47%)
- Blue (75%)



- Red (96%)
- Yellow (47%)
- Blue (75%)



- Cyan (0%)
- Magenta (51%)
- Yellow (22%)
- Black (4%)



- Cyan (4%)
- Magenta (53%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294277312 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 4294277312 by changing the saturation by 10% instead.



 4294277312

 4294277312

4294967295

 4292304293

 4294947064

 4290396554

 4294954239

 4288488049

 4294961919

 4286644312

 4284809281

 4283039787

 4281401366

 4278190080

 4294277312

 4294277312

 4294271158

 4294283722

 4294264747

 4294289877

 4294258593

 4294296287

 4294252182

 4294302442

 4294246541

 4294308852

 4294311934

 4294311935

# Harmonies

## Analogous

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



4291267310



4294277312



4294931851

# Triad

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



4294277312



4289177654



4278237931

# Complementary

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



4294277312



4286117293

# 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.



4278238652



4294277312



4285314133

# Square

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



4294277312



4292253498



4278238086



4278235391

# Rectangle

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



4294277312



4294868330



4278238086



4278238173



# Sweetspot

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



4294277312



4294957551



4289493237



4286605686



4278190080



4286611584



# Same Dimension

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



4294277312



4294927293



4294277250



4286213749



4290379883



4282056738



# Inverse Universe

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



4294277312



4294927293



4286117355



4286213749



4290379883

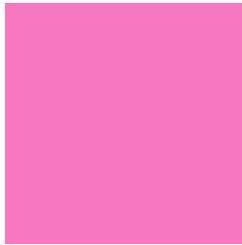


4282056738



# Previews

## White Background



This preview shows how the Android color 4294277312 looks on a white background.

## Color Contrast Check

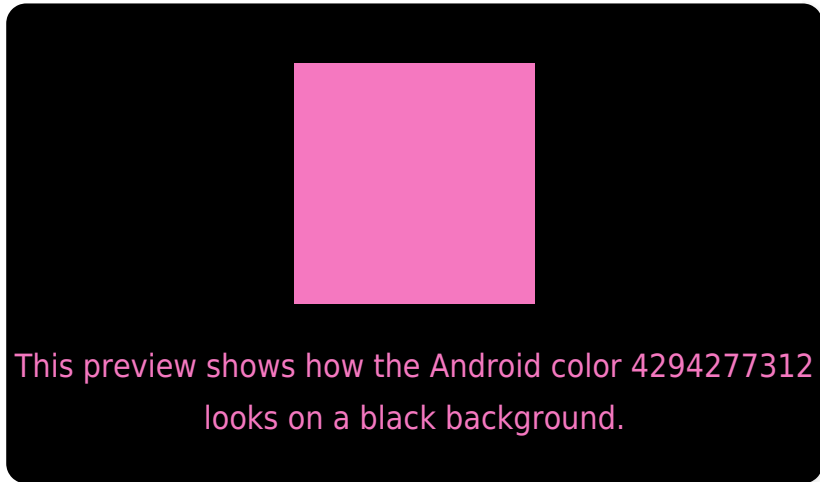
Large Text (above 18pt) WCAG AA × Fail

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 4294277312 Background



This preview shows how black text looks on a background with the Android color 4294277312.



This preview shows how white text looks on a background with the Android color 4294277312.

# 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**  
4294277312

**Protanopia**  
4287799773

**Deuteranopia**  
4289306553



**Tritanopia**  
4293952396

# Trichromacy



**Original Color**

4294277312



**Protanomaly**

4290155218



**Deuteranomaly**

4291137980



**Tritanomaly**

4294082463

# Monochromacy



**Original Color**

4294277312



**Achromatopsia**

4289111718



**Achromatomaly**

4291007919

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294277312 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(245, 120, 192)` looks like.

```
.text, #text, p{  
    color:rgb(245, 120, 192)  
}
```

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(245, 120, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 120, 192) }
```

## Border

The CSS property to change the border of an element to Android 4294277312 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(245, 120, 192) }
```

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

```
.border{ border-color:rgb(245, 120, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 120, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 120, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 120, 192);  
box-shadow:4px 4px 4px 4px rgb(245, 120,  
192) }
```

# Background

The CSS property to change the background color of an element to Android 4294277312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 120, 192) }
```

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

```
.background{ background-color: rgb(245,  
120, 192) }
```

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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