

# Converting Colors

Android(4294191358)

Have a look what the booklet for  
Android(4294191358) contains.

<b>Android(4294191358)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4294191358)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F428FE
RGB	244, 40, 254
RGB Percent	96%, 16%, 100%
CMY	0.0431, 0.8431, 0.0039
CMYK	0.04, 0.84, 0.00, 0.00
HSL	297°, 99%, 58%
HSV	297°, 84%, 100%
XYZ	55.9564, 27.9064, 96.2032
YIQ	125.3920, 52.8900, 109.8020

# Conversions

## Conversions Part 2

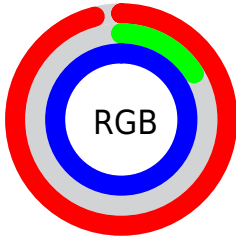
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	244, 40, 254
Decimal	16001278
CIELab	59.80, 92.32, -61.22
CIElCh	60, 110.769, 326.451
Yxy	27.9064, 0.3108, 0.1550
Android (android.graphics.Color)	4294191358 (0xFFFF428FE)
YUV	125.3920, 63.4037, 104.0192
Hunter-Lab	52.8265, 96.6293, -70.9953

# Details

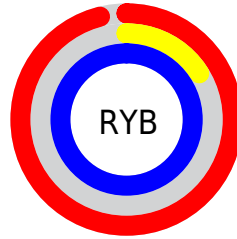
The Android color `4294191358` is a light color, and the websafe version is hex `FF33FF`. The color can be described as light washed magenta. A complement of this color would be `4281531944`, and the grayscale version is `4286414205`.

A 20% lighter version of the original color is `4294931455`, and `4290183364` is the 20% darker color. If you saturate the color by 10%, you get `4294119422`, and if you desaturate by 10%, it is `4294263294`.

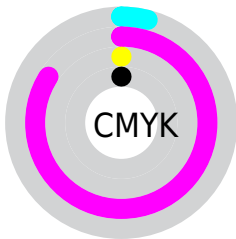
# Distribution



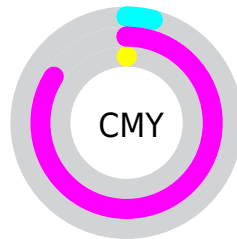
- Red (96%)
- Green (16%)
- Blue (100%)



- Red (96%)
- Yellow (16%)
- Blue (100%)



- Cyan (4%)
- Magenta (84%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (84%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294191358 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 4294191358 by changing the saturation by 10% instead.



 4294191358

 4294191358

4294967295

 4292149473

 4294931455

 4290183364

 4294939647

 4288217256

 4294947327

 4286251149

 4294955263

 4284350579

 4294963199

 4282515546

 4280352833

 4278190122

 4278190356

■ 4294191358

■ 4294191358

■ 4294119422

■ 4294263294

■ 4294050046

■ 4294335486

■ 4294472958

■ 4294545150

■ 4294617086

■ 4294689022

■ 4294761214

■ 4294833150

4294967294

# Harmonies

## Analogous

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



4282678527



4294191358



4294901920

# Triad

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



4294191358



4290349312



4278236902

# Complementary

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



4294191358



4281531944

# 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.



4278236545



4294191358



4283933440

# Square

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



4294191358



4294923776



4278234880



4278236159

# Rectangle

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



4294191358



4294901857



4278234880



4278236869



# Sweetspot

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



4294191358



4294754303



4280824830



4286470528



4278190080



4286611584



# Same Dimension

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



4294191358



4294115583



4294846622



4286542720



4290117823



4282187840



# Inverse Universe

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



4294846514



4294901772



4280876680



4286608243



4290707465



4282384387



# Previews

## White Background



This preview shows how the Android color 4294191358 looks on a white background.

## Color Contrast Check

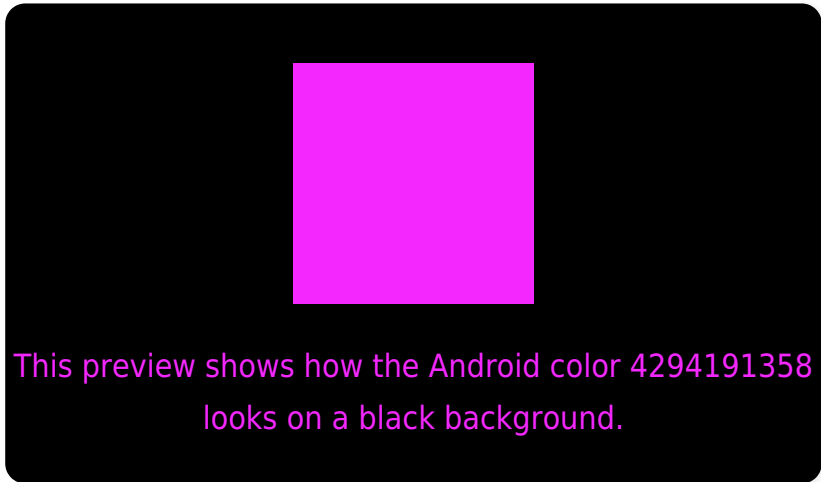
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294191358 Background



This preview shows how black text looks on a background with the Android color 4294191358.



This preview shows how white text looks on a background with the Android color 4294191358.

# 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**


4294191358

**Protanopia**

4283993599

**Deuteranopia**

4283535856



**Tritanopia**  
4293159280

# Trichromacy



**Original Color**

4294191358



**Protanomaly**

4287719679



**Deuteranomaly**

4287392757



**Tritanomaly**

4293546404

# Monochromacy



**Original Color**

4294191358



**Achromatopsia**

4286414205



**Achromatomaly**

4289224364

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294191358 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(244, 40, 254)` looks like.

```
.text, #text, p{  
    color:rgb(244, 40, 254)  
}
```

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(244, 40, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 40, 254) }
```

## Border

The CSS property to change the border of an element to Android 4294191358 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(244, 40, 254) }
```

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

```
.border{ border-color:rgb(244, 40, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 40, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 40, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 40, 254);  
box-shadow:4px 4px 4px 4px rgb(244, 40,  
254) }
```

# Background

The CSS property to change the background color of an element to Android 4294191358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 40, 254) }
```

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

```
.background{ background-color: rgb(244, 40,  
254) }
```

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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