

# Converting Colors

Android(4294652767)

Have a look what the booklet for  
Android(4294652767) contains.

<b>Android(4294652767)</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(4294652767)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FB335F
RGB	251, 51, 95
RGB Percent	98%, 20%, 37%
CMY	0.0157, 0.8000, 0.6275
CMYK	0.00, 0.80, 0.62, 0.02
HSL	347°, 96%, 59%
HSV	347°, 80%, 98%
XYZ	43.0330, 23.7031, 13.1335
YIQ	115.8160, 105.0760, 56.0840

# Conversions

## Conversions Part 2

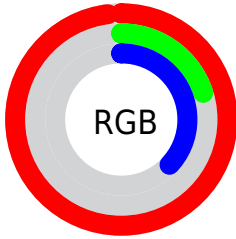
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	251, 51, 95
Decimal	16462687
CIE <sub>Lab</sub>	55.79, 74.50, 24.96
CIE <sub>LCh</sub>	56, 78.567, 18.520
Yxy	23.7031, 0.5388, 0.2968
Android (android.graphics.Color)	4294652767 (0xFFFB335F)
YUV	115.8160, -10.2623, 118.5564
Hunter-Lab	48.6858, 72.5746, 18.0860

# Details

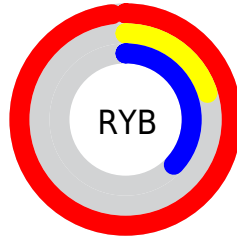
The Android color **4294652767** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **4281596879**, and the grayscale version is **4285822068**.

A 20% lighter version of the original color is **4294931857**, and **4290445362** is the 20% darker color. If you saturate the color by 10%, you get **4294646347**, and if you desaturate by 10%, it is **4294659187**.

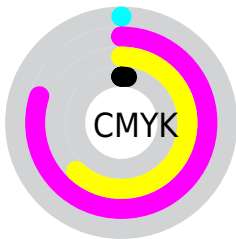
# Distribution



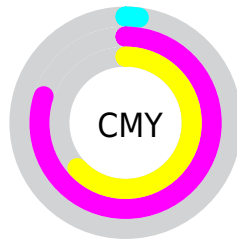
- Red (98%)
- Green (20%)
- Blue (37%)



- Red (98%)
- Yellow (20%)
- Blue (37%)



- Cyan (0%)
- Magenta (80%)
- Yellow (62%)
- Black (2%)



- Cyan (2%)
- Magenta (80%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294652767 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 4294652767 by changing the saturation by 10% instead.





4294652767



4294652767

4294967295



4292542536



4294931857



4290445362



4294939564



4288348189



4294947015



4286316549



4294954723



4284219394



4294962687



4282253315



4279894017



4278190080



4294652767



4294652767

 4294646347

 4294659187

 4294639928

 4294665606

 4294639671

 4294672026

 4294678445

 4294685121

 4294691540

 4294697960

 4294704380

 4294705151

# Harmonies

## Analogous

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



4293932195



4294652767



4293220379

# Triad

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



4294652767



4278230044



4278228735

# Complementary

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



4294652767



4281596879

# 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.



4278231276



4294652767



4278231656

# Square

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



4294652767



4286222080



4278231983



4281303039

# Rectangle

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



4294652767



4291325696



4278231983



4278229759



# Sweetspot

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



4294652767



4294951631



4291572731



4286602083



4278190080



4286611584



# Same Dimension

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



4294652767



4294904384



4294666291



4286410867



4290576426



4282187789



# Inverse Universe

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



4294652767



4294904384



4281583355



4286410867



4290576426



4282187789



# Previews

## White Background



This preview shows how the Android color 4294652767 looks on a white background.

## Color Contrast Check

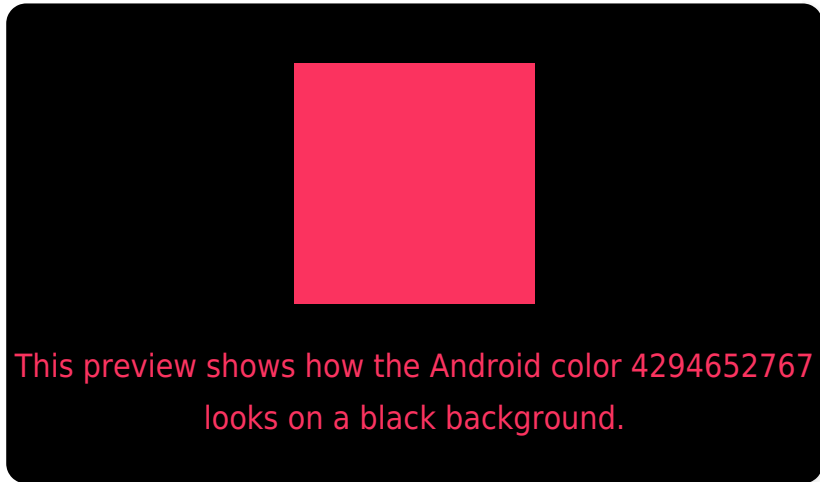
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294652767 Background



This preview shows how black text looks on a background with the Android color 4294652767.



This preview shows how white text looks on a background with the Android color 4294652767.

# 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**

4294652767

**Protanopia**

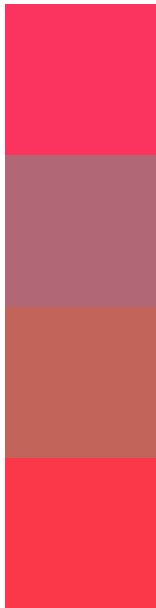
4287202691

**Deuteranopia**

4288839765



# Trichromacy



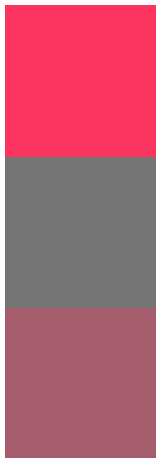
**Original Color**  
4294652767

**Protanomaly**  
4289881974

**Deuteranomaly**  
4290929753

**Tritanomaly**  
4294588489

# Monochromacy



**Original Color**  
4294652767

**Achromatopsia**  
4285822068

**Achromatomaly**  
4289027180

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294652767 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(251, 51, 95)` looks like.

```
.text, #text, p{  
    color:rgb(251, 51, 95)  
}
```

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(251, 51, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 51, 95) }
```

## Border

The CSS property to change the border of an element to Android 4294652767 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(251, 51, 95) }
```

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

```
.border{ border-color:rgb(251, 51, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 51, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 51, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 51, 95);  
box-shadow:4px 4px 4px 4px rgb(251, 51,  
95) }
```

# Background

The CSS property to change the background color of an element to Android 4294652767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 51, 95) }
```

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

```
.background{ background-color: rgb(251, 51,  
95) }
```

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**