

# Converting Colors

Android(4293928013)

Have a look what the booklet for  
Android(4293928013) contains.

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**Color**

**Android(4293928013)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0244D
RGB	240, 36, 77
RGB Percent	94%, 14%, 30%
CMY	0.0588, 0.8588, 0.6980
CMYK	0.00, 0.85, 0.68, 0.06
HSL	348°, 87%, 54%
HSV	348°, 85%, 94%
XYZ	37.9056, 20.3228, 8.9460
YIQ	101.6700, 108.4230, 55.9990

# Conversions

## Conversions Part 2

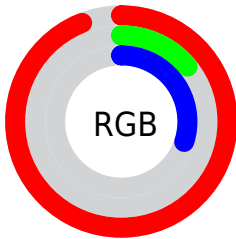
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">240, 36, 77</a>
Decimal	<a href="#">15737933</a>
CIELab	<a href="#">52.20, 74.07, 30.64</a>
CIELCh	<a href="#">52, 80.158, 22.473</a>
Yxy	<a href="#">20.3228, 0.5643, 0.3025</a>
Android (android.graphics.Color)	<a href="#">4293928013 (0xFFFF0244D)</a>
YUV	<a href="#">101.6700, -12.1623, 121.3154</a>
Hunter-Lab	<a href="#">45.0809, 71.1977, 19.7909</a>

# Details

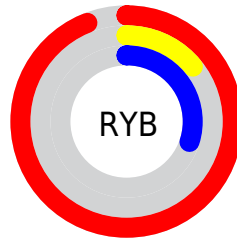
The Android color **4293928013** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **4280611015**, and the grayscale version is **4284900966**.

A 20% lighter version of the original color is **4294929022**, and **4289724450** is the 20% darker color. If you saturate the color by 10%, you get **4293921850**, and if you desaturate by 10%, it is **4293934176**.

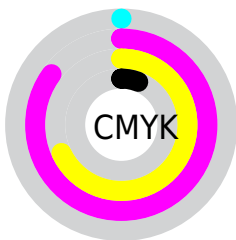
# Distribution



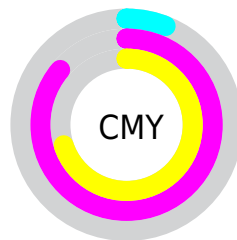
- Red (94%)
- Green (14%)
- Blue (30%)



- Red (94%)
- Yellow (14%)
- Blue (30%)



- Cyan (0%)
- Magenta (85%)
- Yellow (68%)
- Black (6%)



- Cyan (6%)
- Magenta (86%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293928013 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 4293928013 by changing the saturation by 10% instead.





4293928013



4293928013

4294967295



4291821622



4294929022



4289724450



4294936728



4287627277



4294944434



4285530113



4294952142



4283564035



4294959850



4281466882



4278190080



4293928013



4293928013



4293921850



4293934176

■ 4293918768

■ 4293940339

■ 4293946503

■ 4293952666

■ 4293958829

■ 4293964992

■ 4293971155

■ 4293977318

■ 4293983482

# Harmonies

## Analogous

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



4293597329



4293928013



4292235776

# Triad

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



4293928013



4278227738



4278225919

# Complementary

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



4293928013



4280611015

# 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.



4278228714



4293928013



4278229096

# Square

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



4293928013



4284909568



4278229680



4282479357

# Rectangle

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



4293928013



4290210304



4278229680



4278227199



# Sweetspot

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



4293928013



4294950346



4291044592



4286601312



4278190080



4286611584



# Same Dimension

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



4293928013



4294901811



4293942820



4286082158



4290248741



4281860107



# Inverse Universe

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



4293928013



4294901811



4280596208



4286082158



4290248741



4281860107



# Previews

## White Background



This preview shows how the Android color 4293928013 looks on a white background.

## Color Contrast Check

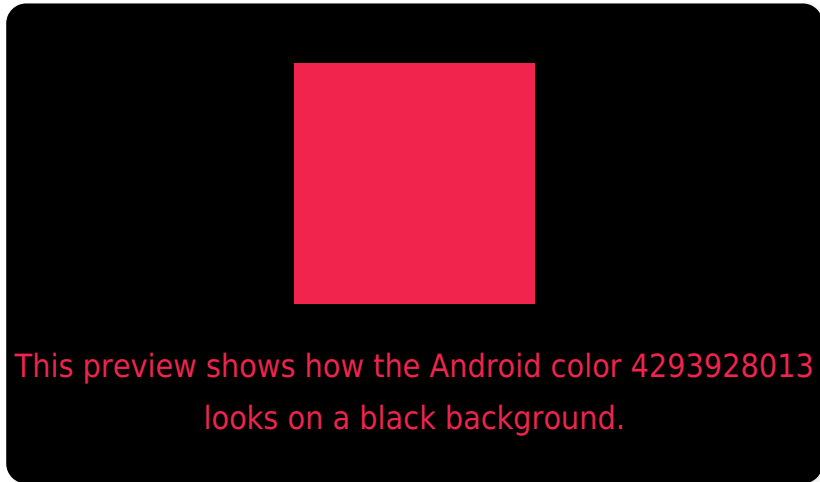
Large Text (above 18pt) WCAG AA ✓ Pass

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 4293928013 Background



This preview shows how black text looks on a background with the Android color 4293928013.



This preview shows how white text looks on a background with the Android color 4293928013.

# 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



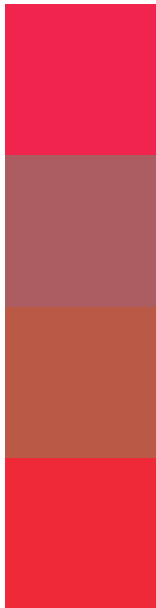
**Original Color**  
4293928013

**Protanopia**  
4286807406

**Deuteranopia**  
4288247618



# Trichromacy



**Original Color**  
4293928013

**Protanomaly**  
4289420642

**Deuteranomaly**  
4290337094

**Tritanomaly**  
4293863735

# Monochromacy



**Original Color**  
4293928013

**Achromatopsia**  
4284900966

**Achromatomaly**  
4288171613

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293928013 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(240, 36, 77)` looks like.

```
.text, #text, p{  
    color:rgb(240, 36, 77)  
}
```

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(240, 36, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 36, 77) }
```

## Border

The CSS property to change the border of an element to Android 4293928013 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(240, 36, 77) }
```

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

```
.border{ border-color:rgb(240, 36, 77) }
```

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

Here you see how a box with a 4 pixel rgb(240, 36, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 36, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 36, 77);  
box-shadow:4px 4px 4px 4px rgb(240, 36,  
77) }
```

# Background

The CSS property to change the background color of an element to Android 4293928013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 36, 77) }
```

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

```
.background{ background-color: rgb(240, 36,  
77) }
```

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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