

# Converting Colors

Android(4294913624)

Have a look what the booklet for  
Android(4294913624) contains.

<b>Android(4294913624)</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(4294913624)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF2E58
RGB	255, 46, 88
RGB Percent	100%, 18%, 35%
CMY	0.0000, 0.8196, 0.6549
CMYK	0.00, 0.82, 0.65, 0.00
HSL	348°, 100%, 59%
HSV	348°, 82%, 100%
XYZ	43.9784, 23.9186, 11.5313
YIQ	113.2790, 111.0820, 57.3700

# Conversions

## Conversions Part 2

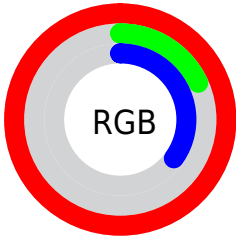
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 46, 88
Decimal	16723544
CIE <sub>Lab</sub>	56.01, 76.35, 29.52
CIE <sub>LCh</sub>	56, 81.864, 21.140
Yxy	23.9186, 0.5537, 0.3011
Android (android.graphics.Color)	4294913624 (0xFFFF2E58)
YUV	113.2790, -12.4625, 124.2893
Hunter-Lab	48.9066, 74.9265, 20.2551

# Details

The Android color **4294913624** 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 **4281270229**, and the grayscale version is **4285624689**.

A 20% lighter version of the original color is **4294931082**, and **4290641963** is the 20% darker color. If you saturate the color by 10%, you get **4294907204**, and if you desaturate by 10%, it is **4294920300**.

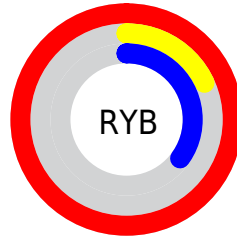
# Distribution



Red (100%)

Green (18%)

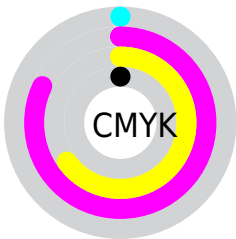
Blue (35%)



Red (100%)

Yellow (18%)

Blue (35%)

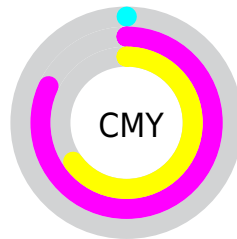


Cyan (0%)

Magenta (82%)

Yellow (65%)

Black (0%)



Cyan (0%)

Magenta (82%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294913624 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 4294913624 by changing the saturation by 10% instead.



 4294913624

 4294913624

4294967295

 4292739137

 4294931082

 4290641963

 4294938788

 4288544792

 4294946495

 4286447616

 4294954203

 4284416003

 4294962167

 4282384387

 4280156161

 4278190080

 4294913624

 4294913624

■ 4294907204

■ 4294920300

■ 4294901811

■ 4294926721

■ 4294933397

■ 4294939818

■ 4294946494

■ 4294952914

■ 4294959591

■ 4294966011

4294967295

# Harmonies

## Analogous

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



4294453663



4294913624



4293220874

# Triad

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



4294913624



4278230558



4278228735

# Complementary

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



4294913624



4281270229

# 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.



4278231541



4294913624



4278231918

# Square

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



4294913624



4285764096



4278232504



4282482175

# Rectangle

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



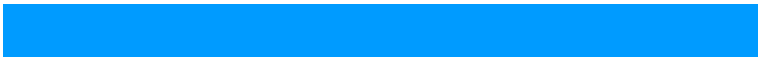
4294913624



4291195392



4278232504



4278230015



# Sweetspot

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



4294913624



4294950860



4291964671



4286601569



4278190080



4286611584



# Same Dimension

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



4294913624



4294903095



4294928686



4286608245



4290707494



4282384397



# Inverse Universe

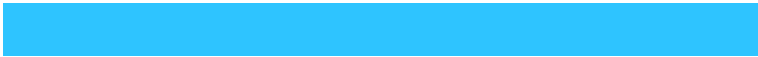
The Inverse Universe completely reimagines the original color for something new.



4294913624



4294903095



4281255167



4286608245



4290707494



4282384397



# Previews

## White Background



This preview shows how the Android color 4294913624 looks on a white background.

## Color Contrast Check

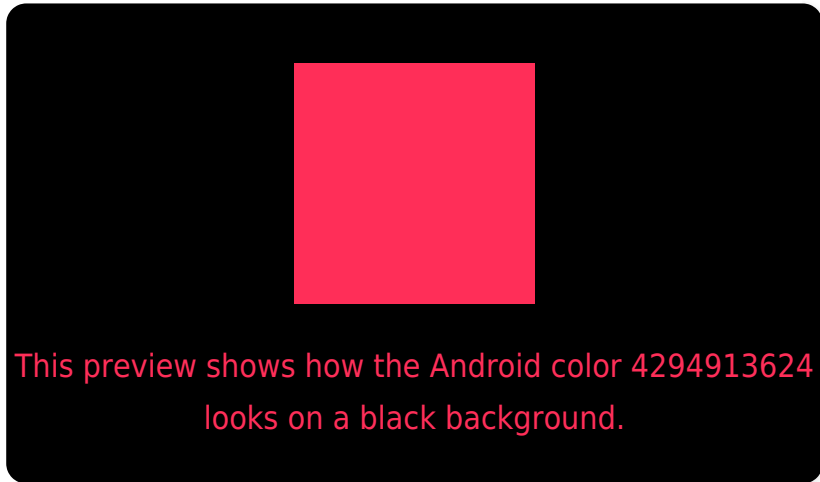
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294913624 Background



This preview shows how black text looks on a background with the Android color 4294913624.

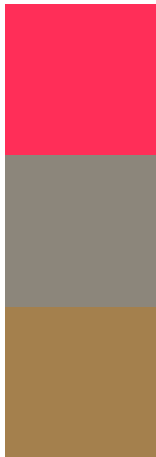


This preview shows how white text looks on a background with the Android color 4294913624.

# 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



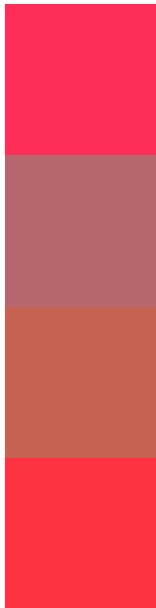
**Original Color**  
4294913624

**Protanopia**  
4287399547

**Deuteranopia**  
4288970829



# Trichromacy



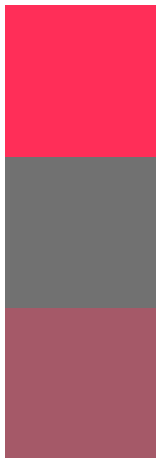
**Original Color**  
4294913624

**Protanomaly**  
4290143854

**Deuteranomaly**  
4291125841

**Tritanomaly**  
4294849346

# Monochromacy



**Original Color**  
4294913624

**Achromatopsia**  
4285624689

**Achromatomaly**  
4289026408

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294913624 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(255, 46, 88)` looks like.

```
.text, #text, p{  
  color:rgb(255, 46, 88)  
}
```

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(255, 46, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 46, 88) }
```

## Border

The CSS property to change the border of an element to Android 4294913624 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(255, 46, 88) }
```

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

```
.border{ border-color:rgb(255, 46, 88) }
```

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

Here you see how a box with a 4 pixel rgb(255, 46, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 46, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 46, 88);  
box-shadow:4px 4px 4px 4px rgb(255, 46,  
88) }
```

# Background

The CSS property to change the background color of an element to Android 4294913624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 46, 88) }
```

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

```
.background{ background-color: rgb(255, 46,  
88) }
```

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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