

# Converting Colors

Android(4294902868)

Have a look what the booklet for  
Android(4294902868) contains.

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**Color**

**Android(4294902868)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF0454
RGB	255, 4, 84
RGB Percent	100%, 2%, 33%
CMY	0.0000, 0.9843, 0.6706
CMYK	0.00, 0.98, 0.67, 0.00
HSL	341°, 100%, 51%
HSV	341°, 98%, 100%
XYZ	42.8836, 21.9869, 10.3712
YIQ	88.1690, 123.9160, 78.0920

# Conversions

## Conversions Part 2

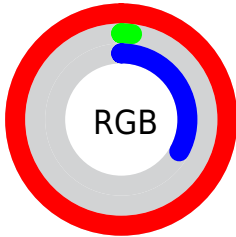
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 4, 84
Decimal	16712788
CIELab	54.01, 81.71, 29.37
CIELCh	54, 86.829, 19.773
Yxy	21.9869, 0.5699, 0.2922
Android (android.graphics.Color)	4294902868 (0xFFFF0454)
YUV	88.1690, -2.0553, 146.3108
Hunter-Lab	46.8902, 81.1901, 19.7094

# Details

The Android color **4294902868** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **4278517679**, and the grayscale version is **4283979864**.

A 20% lighter version of the original color is **4294927237**, and **4290576424** is the 20% darker color. If you saturate the color by 10%, you get **4294901841**, and if you desaturate by 10%, it is **4294909285**.

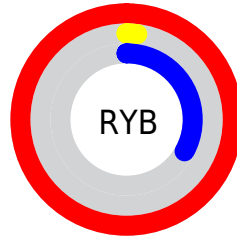
# Distribution



Red (100%)

Green (2%)

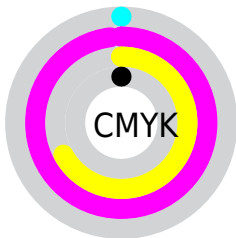
Blue (33%)



Red (100%)

Yellow (2%)

Blue (33%)

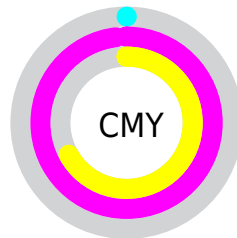


Cyan (0%)

Magenta (98%)

Yellow (67%)

Black (0%)



Cyan (0%)

Magenta (98%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294902868 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 4294902868 by changing the saturation by 10% instead.



 4294902868

 4294902868

4294967295

 4292739133

 4294927237

 4290576424

 4294935455

 4288479253

 4294943162

 4286382081

 4294951126

 4284284932

 4294958834

 4282253315

4294966783

 4279894017

 4278190080

 4294902868

 4294902868

 4294901841

 4294909285

 4294915959

 4294922632

 4294929049

 4294935723

 4294942140

 4294948558

 4294955231

 4294961904

# Harmonies

## Analogous

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



4294312094



4294902868



4293217792

# Triad

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



4294902868



4278229248



4278227711

# Complementary

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



4294902868



4278517679

# 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.



4278230772



4294902868



4278230884

# Square

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



4294902868



4285434880



4278231218



4278221311

# Rectangle

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



4294902868



4291127808



4278231218



4278228991



# Sweetspot

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



4294902868



4294947787



4289398015



4286599776



4278190080



4286611584



# Same Dimension

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



4294902868



4294901841



4294913540



4286608247



4290707517



4282384404



# Inverse Universe

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



4294902868



4294901841



4278507007



4286608247



4290707517



4282384404



# Previews

## White Background



This preview shows how the Android color 4294902868 looks on a white background.

## Color Contrast Check

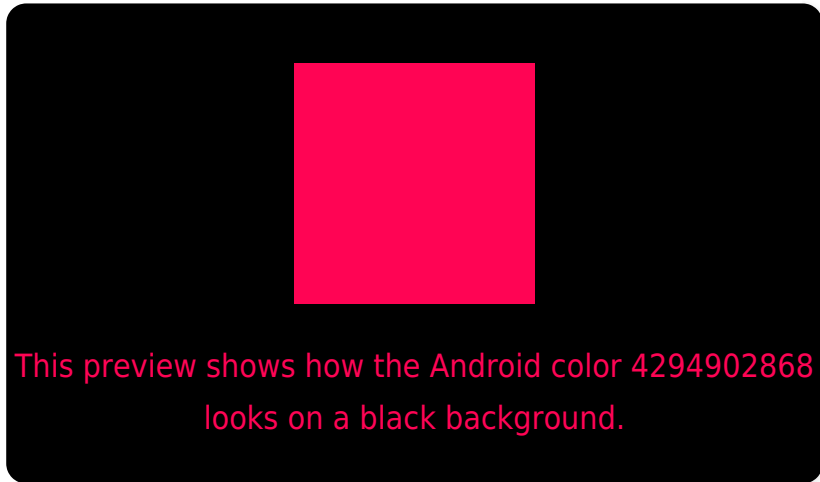
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294902868 Background



This preview shows how black text looks on a background with the Android color 4294902868.

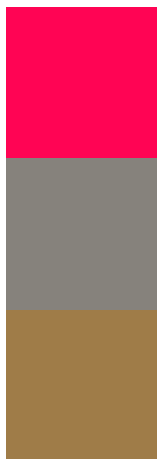


This preview shows how white text looks on a background with the Android color 4294902868.

# 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**

4294902868

**Protanopia**

4287005308

**Deuteranopia**

4288642120



# Trichromacy



**Original Color**

4294902868



**Protanomaly**

4289877101



**Deuteranomaly**

4290924620



**Tritanomaly**

4294842161

# Monochromacy



**Original Color**

4294902868



**Achromatopsia**

4283979864



**Achromatomaly**

4287969623

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294902868 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, 4, 84)` looks like.

```
.text, #text, p{  
    color:rgb(255, 4, 84)  
}
```

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, 4, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 4, 84) }
```

## Border

The CSS property to change the border of an element to Android 4294902868 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, 4, 84) }
```

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

```
.border{ border-color:rgb(255, 4, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 4, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 4, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 4, 84);  
box-shadow:4px 4px 4px 4px rgb(255, 4, 84)  
}
```

# Background

The CSS property to change the background color of an element to Android 4294902868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 4, 84) }
```

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

```
.background{ background-color: rgb(255, 4,  
84) }
```

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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