

# Converting Colors

Android(4294904650)

Have a look what the booklet for  
Android(4294904650) contains.

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**Color**

**Android(4294904650)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF0B4A
RGB	255, 11, 74
RGB Percent	100%, 4%, 29%
CMY	0.0000, 0.9569, 0.7098
CMYK	0.00, 0.96, 0.71, 0.00
HSL	345°, 100%, 52%
HSV	345°, 96%, 100%
XYZ	42.5957, 21.9938, 8.4787
YIQ	91.1380, 125.2010, 71.3210

# Conversions

## Conversions Part 2

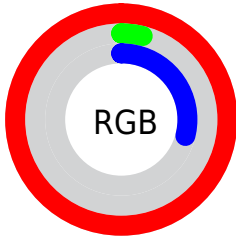
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 11, 74
Decimal	16714570
CIE Lab	54.02, 80.82, 35.32
CIE LCh	54, 88.199, 23.606
Yxy	21.9938, 0.5830, 0.3010
Android (android.graphics.Color)	4294904650 (0xFFFF0B4A)
YUV	91.1380, -8.4490, 143.7070
Hunter-Lab	46.8975, 80.0560, 22.1090

# Details

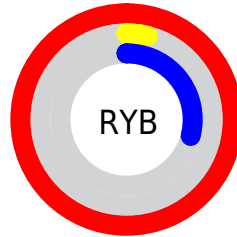
The Android color **4294904650** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **4278976448**, and the grayscale version is **4284177243**.

A 20% lighter version of the original color is **4294927482**, and **4290576415** is the 20% darker color. If you saturate the color by 10%, you get **4294901826**, and if you desaturate by 10%, it is **4294911069**.

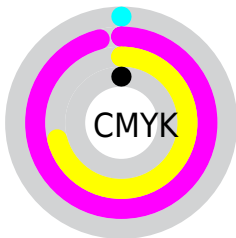
# Distribution



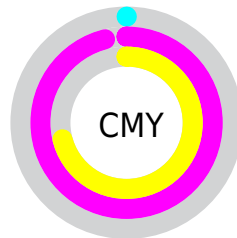
- Red (100%)
- Green (4%)
- Blue (29%)



- Red (100%)
- Yellow (4%)
- Blue (29%)



- Cyan (0%)
- Magenta (96%)
- Yellow (71%)
- Black (0%)



- Cyan (0%)
- Magenta (96%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294904650 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 4294904650 by changing the saturation by 10% instead.



 4294904650

 4294904650

4294967295

 4292739124

 4294927482

 4290576415

 4294935444

 4288479242

 4294943407

 4286316545

 4294951114

 4284219396

 4294959078

 4282187779

4294967039

 4279828481

 4278190080

 4294904650

 4294904650

 4294901826

 4294911069

 4294917744

 4294924419

 4294930838

 4294937513

 4294943931

 4294950606

 4294957025

 4294963700

# Harmonies

## Analogous

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



4294639765



4294904650



4292891392

# Triad

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



4294904650



4278229523



4278227199

# Complementary

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



4294904650



4278976448

# 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.



4278230524



4294904650



4278230894

# Square

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



4294904650



4284714752



4278231485



4282414591

# Rectangle

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



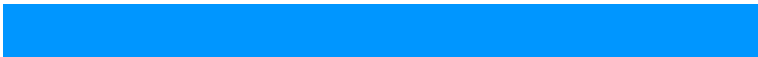
4294904650



4290735616



4278231485



4278228735



# Sweetspot

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



4294904650



4294948296



4290644991



4286600030



4278190080



4286611584



# Same Dimension

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



4294904650



4294901826



4294919179



4286608246



4290707505



4282384400



# Inverse Universe

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



4294904650



4294901826



4278961919



4286608246



4290707505



4282384400



# Previews

## White Background



This preview shows how the Android color 4294904650 looks on a white background.

## Color Contrast Check

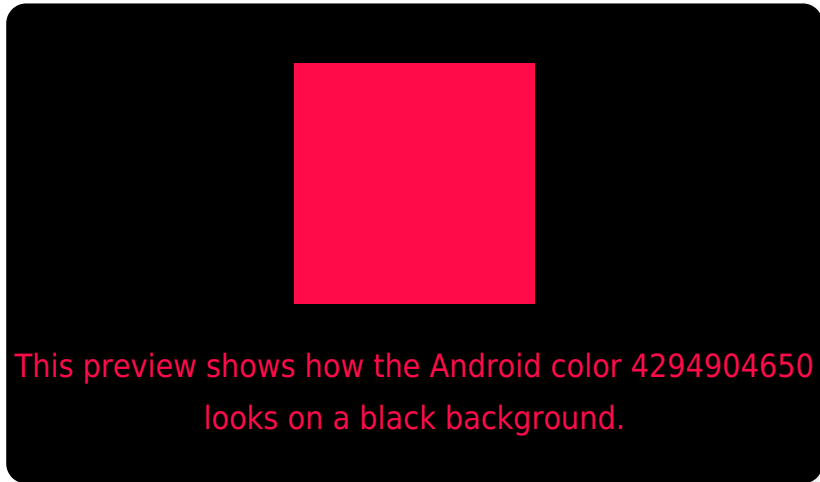
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294904650 Background



This preview shows how black text looks on a background with the Android color 4294904650.



This preview shows how white text looks on a background with the Android color 4294904650.

# 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**  
4294904650

**Protanopia**  
4287201902

**Deuteranopia**  
4288773181



**Tritanopia**  
4294844186

# Trichromacy



**Original Color**

4294904650



**Protanomaly**

4290008929



**Deuteranomaly**

4290990914



**Tritanomaly**

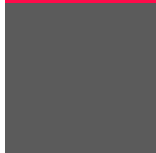
4294842411

# Monochromacy



**Original Color**

4294904650



**Achromatopsia**

4284177243



**Achromatomaly**

4288101973

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294904650 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, 11, 74)` looks like.

```
.text, #text, p{  
    color:rgb(255, 11, 74)  
}
```

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, 11, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 11, 74) }
```

## Border

The CSS property to change the border of an element to Android 4294904650 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, 11, 74) }
```

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

```
.border{ border-color:rgb(255, 11, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 11, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 11, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 11, 74);  
box-shadow:4px 4px 4px 4px rgb(255, 11,  
74) }
```

# Background

The CSS property to change the background color of an element to Android 4294904650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 11, 74) }
```

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

```
.background{ background-color: rgb(255, 11,  
74) }
```

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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