

# Converting Colors

Android(4288033094)

Have a look what the booklet for  
Android(4288033094) contains.

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# Color

**Android(4288033094)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 963146                    |
| RGB           | 150, 49, 70               |
| RGB Percent   | 59%, 19%, 27%             |
| CMY           | 0.4118, 0.8078, 0.7255    |
| CMYK          | 0.00, 0.67, 0.53, 0.41    |
| HSL           | 348°, 51%, 39%            |
| HSV           | 348°, 67%, 59%            |
| XYZ           | 14.7815, 9.1229, 6.7762   |
| YIQ           | 81.5930, 53.4550, 27.9430 |

# Conversions

## Conversions Part 2

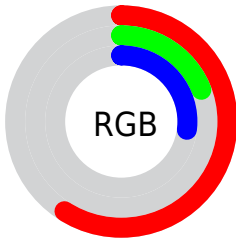
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 150, 49, 70                  |
| Decimal                             | 9843014                      |
| CIE <sub>Lab</sub>                  | 36.22, 43.80, 10.78          |
| CIE <sub>LCh</sub>                  | 36, 45.104, 13.824           |
| Yxy                                 | 9.1229, 0.4818,<br>0.2974    |
| Android<br>(android.graphics.Color) | 4288033094<br>(0xFF963146)   |
| YUV                                 | 81.5930, -5.7153,<br>59.9929 |
| Hunter-Lab                          | 30.2041, 34.4985,<br>7.8414  |

# Details

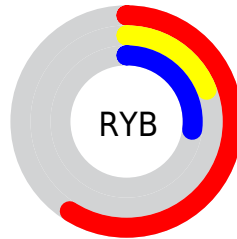
The Android color **4288033094** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **4281439873**, and the grayscale version is **4283585106**.

A 20% lighter version of the original color is **4291847542**, and **4284350491** is the 20% darker color. If you saturate the color by 10%, you get **4288029242**, and if you desaturate by 10%, it is **4288036946**.

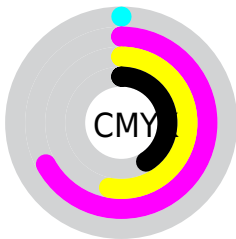
# Distribution



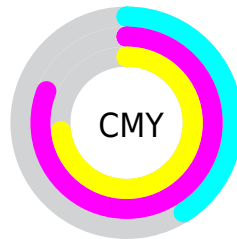
- Red (59%)
- Green (19%)
- Blue (27%)



- Red (59%)
- Yellow (19%)
- Blue (27%)



- Cyan (0%)
- Magenta (67%)
- Yellow (53%)
- Black (41%)



- Cyan (41%)
- Magenta (81%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288033094 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 4288033094 by changing the saturation by 10% instead.



 4288033094

 4288033094

4294967295

 4286190640

 4291847542

 4284350491

 4293820560

 4282580992

 4294941610

 4280877057

 4294948805

 4278190080

 4294956001

 4294963454

 4288033094

 4288033094

 4288029242

 4288036946

 4288025390

 4288040798

 4288021538

 4288044650

 4288020511

 4288048502

 4288052353

 4288056205

 4288060057

 4288063909

 4288067761

# Harmonies

## Analogous

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



4287378538



4288033094



4287446308

# Triad

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



4288033094



4281164060



4278214555

# Complementary

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



4288033094



4281439873

# 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.



4278215815



4288033094



4278216000

# Square

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



4288033094



4283914496



4278216293



4280767644

# Rectangle

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



4288033094



4286531344



4278216293



4278215062



# Sweetspot

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



4288033094



4290943907



4286591382



4284566094



4292927712



4284572001



# Same Dimension

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



4288033094



4290913605



4288040497



4283056964



4287234077



4278845442



# Inverse Universe

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



4288033094



4290913605



4281432470



4283056964



4287234077

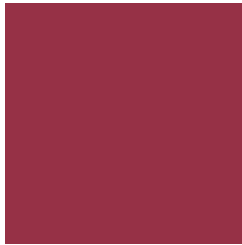


4278845442



# Previews

## White Background



This preview shows how the Android color 4288033094 looks on a white background.

## Color Contrast Check

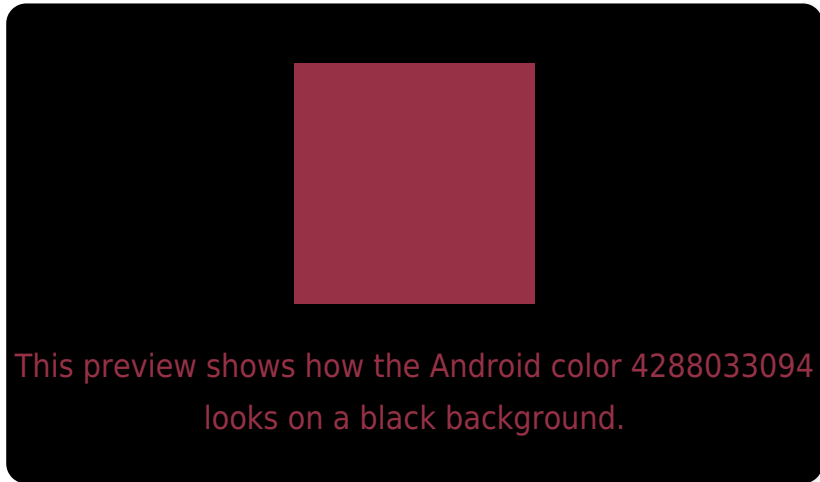
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4288033094 Background



This preview shows how black text looks on a background with the Android color 4288033094.

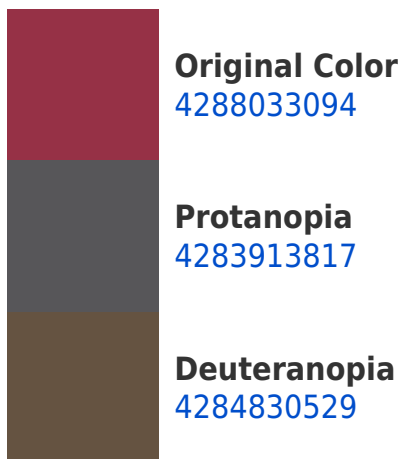


This preview shows how white text looks on a background with the Android color 4288033094.

# 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





# Trichromacy



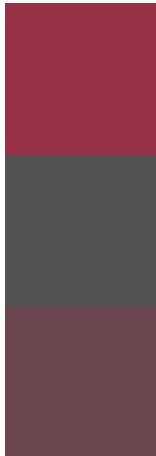
**Original Color**  
4288033094

**Protanomaly**  
4285417810

**Deuteranomaly**  
4286007107

**Tritanomaly**  
4287968060

# Monochromacy



**Original Color**  
4288033094

**Achromatopsia**  
4283585106

**Achromatomaly**  
4285220430

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288033094 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(150, 49, 70)` looks like.

```
.text, #text, p{  
    color:rgb(150, 49, 70)  
}
```

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(150, 49, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 49, 70) }
```

## Border

The CSS property to change the border of an element to Android 4288033094 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(150, 49, 70) }
```

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

```
.border{ border-color:rgb(150, 49, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 49, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 49, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 49, 70);  
box-shadow:4px 4px 4px 4px rgb(150, 49,  
70) }
```

# Background

The CSS property to change the background color of an element to Android 4288033094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 49, 70) }
```

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

```
.background{ background-color: rgb(150, 49,  
70) }
```

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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