

# Converting Colors

Android(4294521144)

Have a look what the booklet for  
Android(4294521144) contains.

<b>Android(4294521144)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4294521144)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F93138
RGB	249, 49, 56
RGB Percent	98%, 19%, 22%
CMY	0.0235, 0.8078, 0.7804
CMYK	0.00, 0.80, 0.78, 0.02
HSL	358°, 94%, 58%
HSV	358°, 80%, 98%
XYZ	40.8790, 22.6219, 5.9533
YIQ	109.5980, 116.9530, 44.5770

# Conversions

## Conversions Part 2

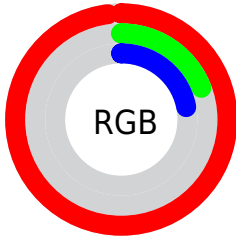
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	249, 49, 56
Decimal	16331064
CIE <sub>Lab</sub>	54.68, 72.76, 45.95
CIE <sub>LCh</sub>	55, 86.058, 32.275
Yxy	22.6219, 0.5886, 0.3257
Android (android.graphics.Color)	4294521144 (0xFFFF93138)
YUV	109.5980, -26.4238, 122.2556
Hunter-Lab	47.5625, 70.1830, 25.8725

# Details

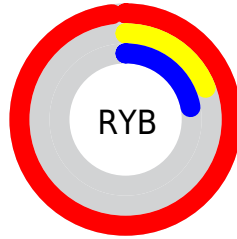
The Android color **4294521144** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **4281465330**, and the grayscale version is **4285427310**.

A 20% lighter version of the original color is **4294931048**, and **4290183180** is the 20% darker color. If you saturate the color by 10%, you get **4294514720**, and if you desaturate by 10%, it is **4294527568**.

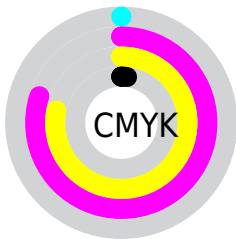
# Distribution



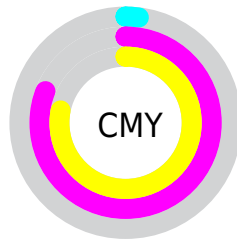
- Red (98%)
- Green (19%)
- Blue (22%)



- Red (98%)
- Yellow (19%)
- Blue (22%)



- Cyan (0%)
- Magenta (80%)
- Yellow (78%)
- Black (2%)



- Cyan (2%)
- Magenta (81%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294521144 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 4294521144 by changing the saturation by 10% instead.





4294521144



4294521144

4294967295



4292345890



4294931048



4290183180



4294938753



4288086016



4294946460



4285988864



4294953911



4283957250



4294961874



4281925634



4294967279



4279238656



4278190080



4294521144



4294521144

 4294514720

 4294527568

 4294508553

 4294533992

 4294540416

 4294546840

 4294553264

 4294559432

 4294565856

 4294572280

 4294574079

# Harmonies

## Analogous

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



4294901889



4294521144



4292108800

# Triad

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



4294521144



4278230583



4278225919

# Complementary

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



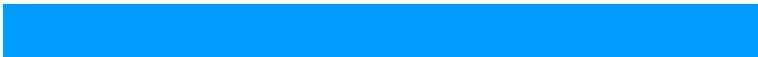
4294521144



4281465330

# 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.



4278230271



4294521144



4278231431

# Square

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



4294521144



4283143168



4278231761



4286540799

# Rectangle

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



4294521144



4289689856



4278231761



4278227711



# Sweetspot

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



4294521144



4294951620



4293865977



4286602076



4278190080



4286611584



# Same Dimension

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



4294521144



4294904339



4294544177



4286410865



4290576391



4282187778



# Inverse Universe

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



4294521144



4294904339



4281442297



4286410865



4290576391



4282187778



# Previews

## White Background



This preview shows how the Android color 4294521144 looks on a white background.

## Color Contrast Check

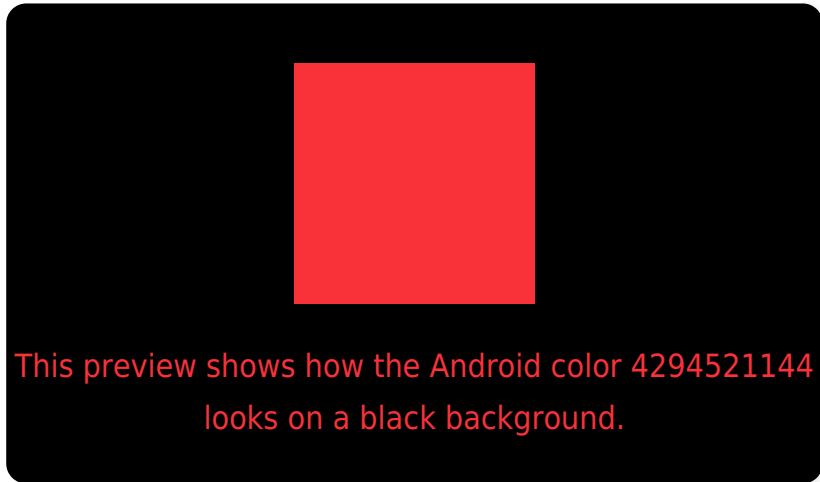
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294521144 Background



This preview shows how black text looks on a background with the Android color 4294521144.



This preview shows how white text looks on a background with the Android color 4294521144.

# 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**  
4294521144

**Protanopia**  
4287595344

**Deuteranopia**  
4288970025



# Trichromacy



**Original Color**  
4294521144

**Protanomaly**  
4290143559

**Deuteranomaly**  
4290994478

**Tritanomaly**  
4294521396

# Monochromacy



**Original Color**  
4294521144

**Achromatopsia**  
4285427310

**Achromatomaly**  
4288763994

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294521144 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(249, 49, 56)` looks like.

```
.text, #text, p{  
    color:rgb(249, 49, 56)  
}
```

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(249, 49, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 49, 56) }
```

## Border

The CSS property to change the border of an element to Android 4294521144 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(249, 49, 56) }
```

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

```
.border{ border-color:rgb(249, 49, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 49, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 49, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 49, 56);  
box-shadow:4px 4px 4px 4px rgb(249, 49,  
56) }
```

# Background

The CSS property to change the background color of an element to Android 4294521144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 49, 56) }
```

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

```
.background{ background-color: rgb(249, 49,  
56) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor