

# Converting Colors

Android(4293929759)

Have a look what the booklet for  
Android(4293929759) contains.

<b>Android(4293929759)</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(4293929759)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F02B1F
RGB	240, 43, 31
RGB Percent	94%, 17%, 12%
CMY	0.0588, 0.8314, 0.8784
CMYK	0.00, 0.82, 0.87, 0.06
HSL	3°, 87%, 53%
HSV	3°, 87%, 94%
XYZ	37.0464, 20.3519, 3.2721
YIQ	100.5350, 121.2640, 38.0320

# Conversions

## Conversions Part 2

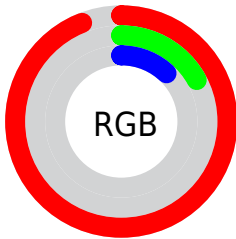
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 44, 31
Decimal	15739679
CIE <sub>Lab</sub>	52.23, 71.13, 55.46
CIE <sub>LCh</sub>	52, 90.196, 37.946
Yxy	20.3519, 0.6106, 0.3355
Android (android.graphics.Color)	4293929759 (0xFFFF02B1F)
YUV	100.5350, -34.2808, 122.3108
Hunter-Lab	45.1131, 67.6341, 27.2789

# Details

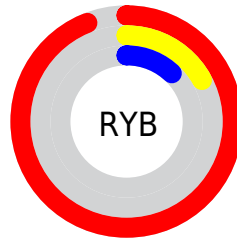
The Android color **4293929759** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **4280280304**, and the grayscale version is **4284835173**.

A 20% lighter version of the original color is **4294929743**, and **4289593344** is the 20% darker color. If you saturate the color by 10%, you get **4293923847**, and if you desaturate by 10%, it is **4293935671**.

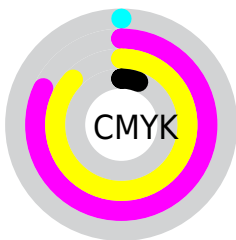
# Distribution



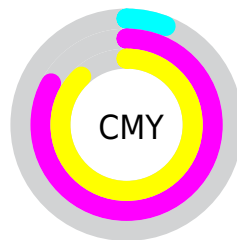
- Red (94%)
- Green (17%)
- Blue (12%)



- Red (94%)
- Yellow (17%)
- Blue (12%)



- Cyan (0%)
- Magenta (82%)
- Yellow (87%)
- Black (6%)



- Cyan (6%)
- Magenta (83%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293929759 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 4293929759 by changing the saturation by 10% instead.





4293929759



4293929759

4294967295



4291756037



4294929743



4289593344



4294937449



4287496192



4294944898



4285399040



4294952605



4283367427



4294960056



4281335810



4294967252



4278190080



4294967281



4293929759



4293929759

■ 4293923847

■ 4293935671

■ 4293922304

■ 4293941327

■ 4293947239

■ 4293952895

■ 4293958807

■ 4293964719

■ 4293970375

■ 4293976287

■ 4293982199

# Harmonies

## Analogous

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



4294901868



4293929759



4291060224

# Triad

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



4293929759



4278229309



4278223359

# Complementary

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



4293929759



4280280304

# 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.



4278228223



4293929759



4278230160

# Square

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



4293929759



4280389888



4278229979



4287716345

# Rectangle

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



4293929759



4288509952



4278229979



4278225407



# Sweetspot

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



4293929759



4294951357



4293926886



4286601816



4278190080



4286611584



# Same Dimension

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



4293929759



4294905600



4293956127



4286082412



4290251520

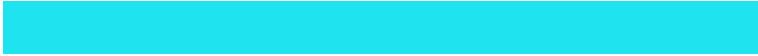


4281860864



# Inverse Universe

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



4280280304



4278251775



4280253936



4285298552



4278234552



4278203704



# Previews

## White Background



This preview shows how the Android color 4293929759 looks on a white background.

## Color Contrast Check

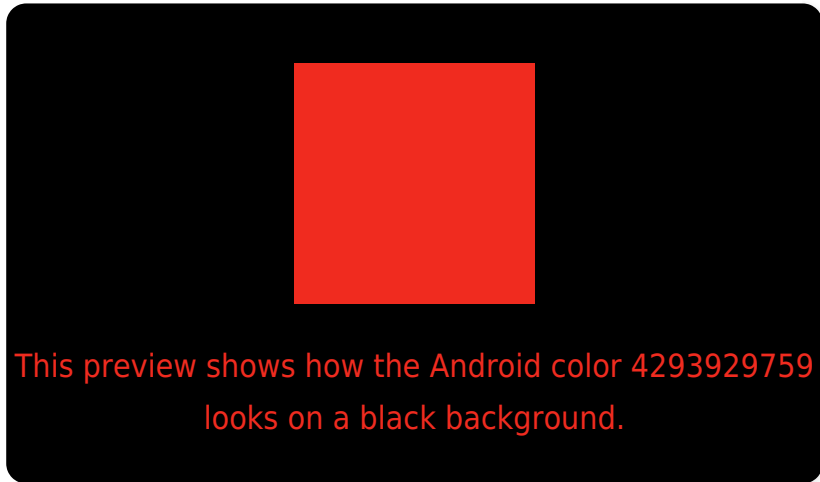
Large Text (above 18pt) WCAG AA ✓ Pass

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 4293929759 Background



This preview shows how black text looks on a background with the Android color 4293929759.



This preview shows how white text looks on a background with the Android color 4293929759.

# 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



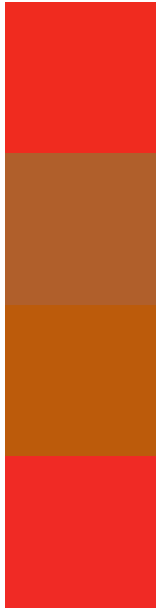
**Original Color**  
4293929759

**Protanopia**  
4287331634

**Deuteranopia**  
4288575232



# Trichromacy



**Original Color**  
4293929759

**Protanomaly**  
4289748779

**Deuteranomaly**  
4290534155

**Tritanomaly**  
4293929509

# Monochromacy



**Original Color**  
4293929759

**Achromatopsia**  
4284835173

**Achromatomaly**  
4288172108

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293929759 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(240, 43, 31)` looks like.

```
.text, #text, p{  
    color:rgb(240, 43, 31)  
}
```

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(240, 43, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 43, 31) }
```

## Border

The CSS property to change the border of an element to Android 4293929759 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(240, 43, 31) }
```

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

```
.border{ border-color:rgb(240, 43, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 43, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 43, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 43, 31);  
box-shadow:4px 4px 4px 4px rgb(240, 43,  
31) }
```

# Background

The CSS property to change the background color of an element to Android 4293929759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 43, 31) }
```

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

```
.background{ background-color: rgb(240, 43,  
31) }
```

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