

# Converting Colors

Android(4294252568)

Have a look what the booklet for  
Android(4294252568) contains.

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**Color**

**Android(4294252568)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F51818
RGB	245, 24, 24
RGB Percent	96%, 9%, 9%
CMY	0.0392, 0.9059, 0.9059
CMYK	0.00, 0.90, 0.90, 0.04
HSL	0°, 92%, 53%
HSV	0°, 90%, 96%
XYZ	38.1477, 20.1317, 2.7394
YIQ	90.0790, 131.7160, 46.8520

# Conversions

## Conversions Part 2

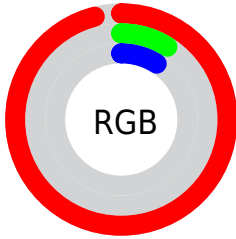
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 24, 24
Decimal	16062488
CIE <sub>Lab</sub>	51.99, 75.78, 58.61
CIE <sub>LCh</sub>	52, 95.800, 37.722
Yxy	20.1317, 0.6252, 0.3299
Android (android.graphics.Color)	4294252568 (0xFFFF51818)
YUV	90.0790, -32.5769, 135.8657
Hunter-Lab	44.8684, 73.2435, 27.7880

# Details

The Android color **4294252568** 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 **4279825909**, and the grayscale version is **4284111450**.

A 20% lighter version of the original color is **4294927689**, and **4289855488** is the 20% darker color. If you saturate the color by 10%, you get **4294246400**, and if you desaturate by 10%, it is **4294258736**.

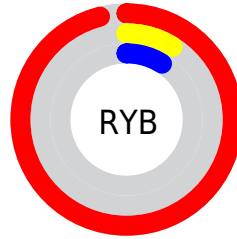
# Distribution



Red (96%)

Green (9%)

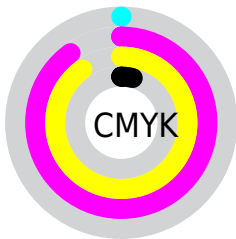
Blue (9%)



Red (96%)

Yellow (9%)

Blue (9%)

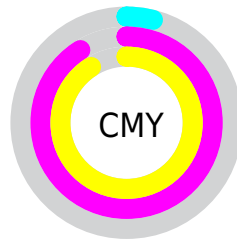


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (4%)



Cyan (4%)

Magenta (91%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294252568 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 4294252568 by changing the saturation by 10% instead.



 4294252568

 4294252568

4294967295

 4292018176

 4294927689

 4289855488

 4294935394

 4287692800

 4294943100

 4285595649

 4294950806

 4283564036

 4294958514

 4281532418

 4294966221

 4278190080

 4294967274

 4294252568

 4294252568

■ 4294246400

■ 4294258736

■ 4294265161

■ 4294271329

■ 4294277754

■ 4294283922

■ 4294290347

■ 4294296515

■ 4294302940

■ 4294309108

# Harmonies

## Analogous

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



4294901867



4294252568



4291256064

# Triad

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



4294252568



4278229303



4278223359

# Complementary

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



4294252568



4279825909

# 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.



4278228479



4294252568



4278230160

# Square

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



4294252568



4278882560



4278230240



4287584511

# Rectangle

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



4294252568



4288509696



4278230240



4278225663



# Sweetspot

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



4294252568



4294949562



4294252789



4286601047



4278190080



4286611584



# Same Dimension

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



4294252568



4294901760



4294280728



4286213742



4290379776



4282056704



# Inverse Universe

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



4279825909



4278255615



4279797493



4285430394



4278237882



4278205243



# Previews

## White Background



This preview shows how the Android color 4294252568 looks on a white background.

## Color Contrast Check

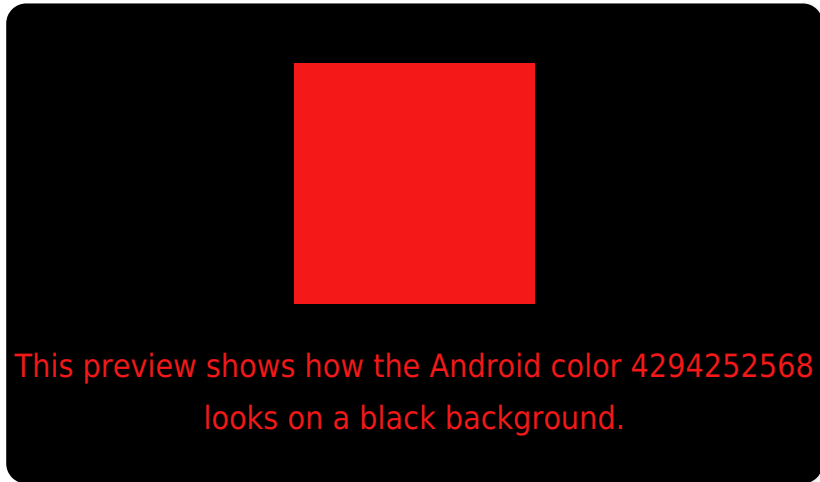
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294252568 Background



This preview shows how black text looks on a background with the Android color 4294252568.



This preview shows how white text looks on a background with the Android color 4294252568.

# 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**  
4294252568

**Protanopia**  
4287331629

**Deuteranopia**  
4288509440



# Trichromacy



**Original Color**  
4294252568

**Protanomaly**  
4289878053

**Deuteranomaly**  
4290597897

**Tritanomaly**  
4294252818

# Monochromacy



**Original Color**  
4294252568

**Achromatopsia**  
4284111450

**Achromatomaly**  
4287775298

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294252568 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(245, 24, 24)` looks like.

```
.text, #text, p{  
    color:rgb(245, 24, 24)  
}
```

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(245, 24, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 24, 24) }
```

## Border

The CSS property to change the border of an element to Android 4294252568 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(245, 24, 24) }
```

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

```
.border{ border-color:rgb(245, 24, 24) }
```

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

Here you see how a box with a 4 pixel rgb(245, 24, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 24, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 24, 24);  
box-shadow:4px 4px 4px 4px rgb(245, 24,  
24) }
```

# Background

The CSS property to change the background color of an element to Android 4294252568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 24, 24) }
```

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

```
.background{ background-color: rgb(245, 24,  
24) }
```

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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