

# Converting Colors

Android(4294652680)

Have a look what the booklet for  
Android(4294652680) contains.

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**Color**

**Android(4294652680)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FB3308
RGB	251, 51, 8
RGB Percent	98%, 20%, 3%
CMY	0.0157, 0.8000, 0.9686
CMYK	0.00, 0.80, 0.97, 0.02
HSL	11°, 97%, 51%
HSV	11°, 97%, 98%
XYZ	41.0113, 22.8944, 2.4873
YIQ	105.8980, 133.0030, 29.0270

# Conversions

## Conversions Part 2

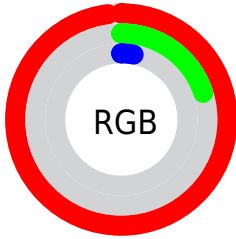
Format	Color
<a href="#">RYB</a>	251, 60, 8
Decimal	16462600
CIELab	54.96, 71.95, 65.60
CIELCh	55, 97.367, 42.358
Yxy	22.8944, 0.6177, 0.3448
Android (android.graphics.Color)	4294652680 (0xFFFB3308)
YUV	105.8980, -48.2637, 127.2545
Hunter-Lab	47.8481, 69.2608, 30.4116

# Details

The Android color **4294652680** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **4278767867**, and the grayscale version is **4285164138**.

A 20% lighter version of the original color is **4294931265**, and **4290248704** is the 20% darker color. If you saturate the color by 10%, you get **4294650880**, and if you desaturate by 10%, it is **4294658081**.

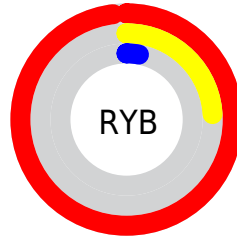
# Distribution



Red (98%)

Green (20%)

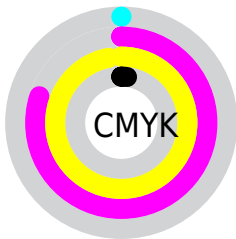
Blue (3%)



Red (98%)

Yellow (24%)

Blue (3%)

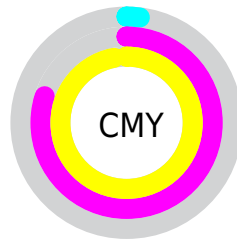


Cyan (0%)

Magenta (80%)

Yellow (97%)

Black (2%)



Cyan (2%)

Magenta (80%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294652680 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 4294652680 by changing the saturation by 10% instead.



 4294652680

 4294652680

4294967295

 4292411392

 4294931265

 4290248704

 4294938971

 4288086016

 4294946421

 4285988864

 4294954128

 4283957250

 4294961835

 4281991170

 4294967239

 4279304192

 4294967267

 4278190080

 4294652680

 4294652680

■ 4294650880

■ 4294658081

■ 4294663226

■ 4294668627

■ 4294674028

■ 4294679173

■ 4294684575

■ 4294689976

■ 4294695121

■ 4294700522

# Harmonies

## Analogous

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



4294901861



4294652680



4291325184

# Triad

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



4294652680



4278231628



4278224127

# Complementary

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



4294652680



4278767867

# 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



4294652680



4278232486

# Square

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



4294652680



4278229760



4278232309



4289484543

# Rectangle

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



4294652680



4288381696



4278232309



4278226687



# Sweetspot

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



4294652680



4294951605



4294641874



4286602067



4278190080



4286611584



# Same Dimension

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



4294652680



4294913280



4294683144



4286411632



4290584832



4282190592

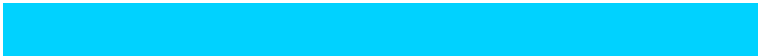


# Inverse Universe

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



4278767867



4278244095



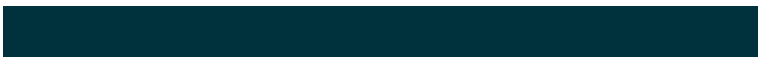
4278737403



4285561725



4278229949



4278202941



# Previews

## White Background



This preview shows how the Android color 4294652680 looks on a white background.

## Color Contrast Check

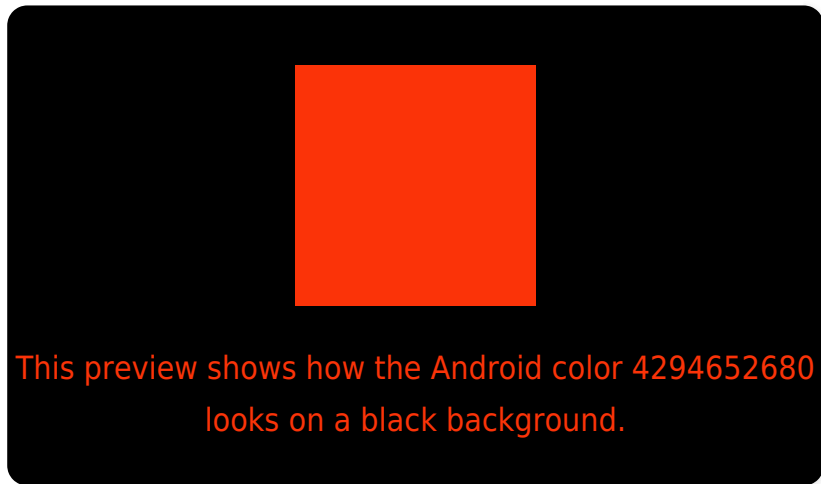
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294652680 Background



This preview shows how black text looks on a background with the Android color 4294652680.



This preview shows how white text looks on a background with the Android color 4294652680.

# 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



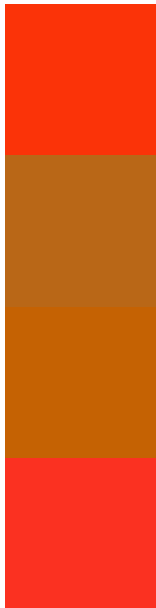
**Original Color**  
4294652680

**Protanopia**  
4287923231

**Deuteranopia**  
4289101056



# Trichromacy



**Original Color**  
4294652680

**Protanomaly**  
4290340631

**Deuteranomaly**  
4291125763

**Tritanomaly**  
4294652193

# Monochromacy



**Original Color**  
4294652680

**Achromatopsia**  
4285164138

**Achromatomaly**  
4288632390

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294652680 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(251, 51, 8)` looks like.

```
.text, #text, p{  
    color:rgb(251, 51, 8)  
}
```

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(251, 51, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 51, 8) }
```

## Border

The CSS property to change the border of an element to Android 4294652680 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(251, 51, 8) }
```

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

```
.border{ border-color:rgb(251, 51, 8) }
```

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

Here you see how a box with a 4 pixel rgb(251, 51, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 51, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 51, 8);  
box-shadow:4px 4px 4px 4px rgb(251, 51, 8)  
}
```

# Background

The CSS property to change the background color of an element to Android 4294652680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 51, 8) }
```

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

```
.background{ background-color: rgb(251, 51,  
8) }
```

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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