

# Converting Colors

Android(4294456583)

Have a look what the booklet for  
Android(4294456583) contains.

<b>Android(4294456583)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4294456583)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F83507
RGB	248, 53, 7
RGB Percent	97%, 21%, 3%
CMY	0.0275, 0.7922, 0.9725
CMYK	0.00, 0.79, 0.97, 0.03
HSL	11°, 95%, 50%
HSV	11°, 97%, 97%
XYZ	40.0229, 22.5180, 2.4380
YIQ	106.0610, 130.9860, 27.0340

# Conversions

## Conversions Part 2

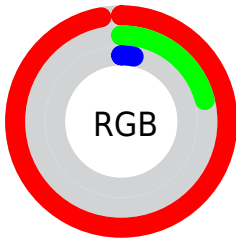
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 64, 7
Decimal	16266503
CIE <sub>Lab</sub>	54.57, 70.57, 65.31
CIE <sub>LCh</sub>	55, 96.154, 42.779
Yxy	22.5180, 0.6159, 0.3465
Android (android.graphics.Color)	4294456583 (0xFFFF83507)
YUV	106.0610, -48.8371, 124.4805
Hunter-Lab	47.4531, 67.5072, 30.1711

# Details

The Android color **4294456583** 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 **4278700792**, and the grayscale version is **4285164138**.

A 20% lighter version of the original color is **4294931521**, and **4290052096** is the 20% darker color. If you saturate the color by 10%, you get **4294455040**, and if you desaturate by 10%, it is **4294461728**.

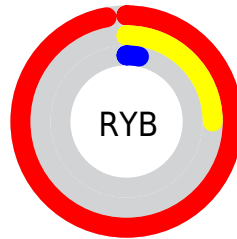
# Distribution



Red (97%)

Green (21%)

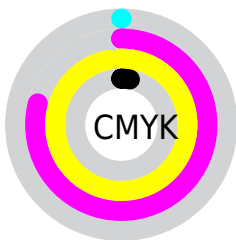
Blue (3%)



Red (97%)

Yellow (25%)

Blue (3%)

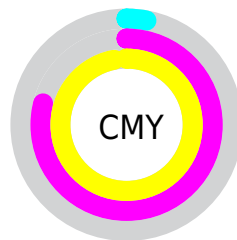


Cyan (0%)

Magenta (79%)

Yellow (97%)

Black (3%)



Cyan (3%)

Magenta (79%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294456583 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 4294456583 by changing the saturation by 10% instead.



 4294456583

 4294456583

4294967295

 4292280320

 4294931521

 4290052096

 4294939226

 4287954944

 4294946676

 4285792256

 4294954383

 4283760642

 4294961834

 4281794562

 4294967238

 4278910976

 4294967267

 4278190080

 4294456583

 4294456583

■ 4294455040

■ 4294461728

■ 4294466873

■ 4294472017

■ 4294477162

■ 4294482307

■ 4294487452

■ 4294492597

■ 4294497997

■ 4294503142

# Harmonies

## Analogous

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



4294901860



4294456583



4291128320

# Triad

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



4294456583



4278231373



4278223615

# Complementary

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



4294456583



4278700792

# 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.



4278229759



4294456583



4278232229

# Square

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



4294456583



4278229504



4278232051



4289484287

# Rectangle

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



4294456583



4288184832



4278232051



4278226175



# Sweetspot

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



4294456583



4294951861



4294445004



4286602067



4278190080



4286611584



# Same Dimension

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



4294456583



4294914304



4294487047



4286411632



4290585600



4282190848

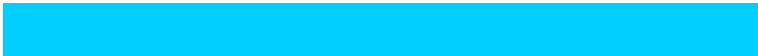


# Inverse Universe

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



4278700792



4278243071



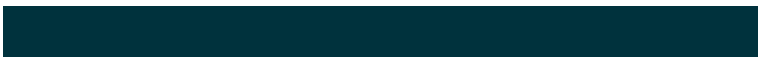
4278670328



4285561725



4278229437



4278202941



# Previews

## White Background



This preview shows how the Android color 4294456583 looks on a white background.

## Color Contrast Check

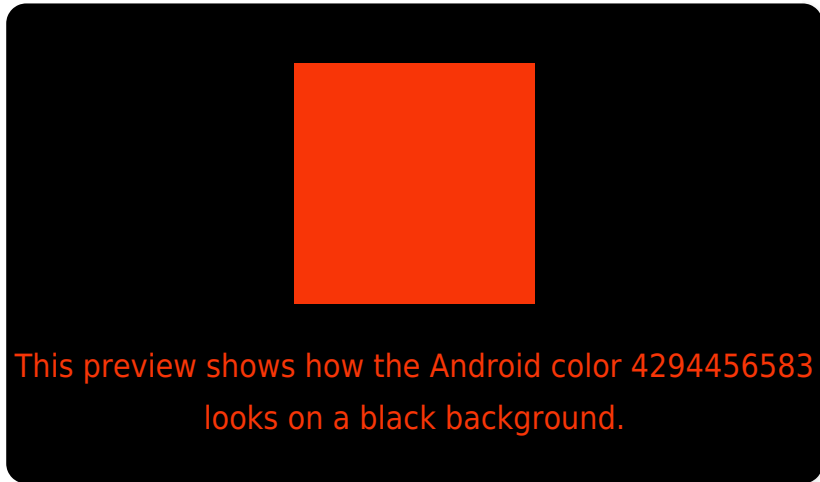
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294456583 Background



This preview shows how black text looks on a background with the Android color 4294456583.



This preview shows how white text looks on a background with the Android color 4294456583.

# 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



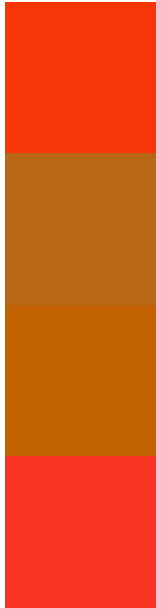
**Original Color**  
4294456583

**Protanopia**  
4287857438

**Deuteranopia**  
4289035264



# Trichromacy



**Original Color**  
4294456583

**Protanomaly**  
4290275094

**Deuteranomaly**  
4290994691

**Tritanomaly**  
4294521634

# Monochromacy



**Original Color**  
4294456583

**Achromatopsia**  
4285164138

**Achromatomaly**  
4288567110

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294456583 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(248, 53, 7)` looks like.

```
.text, #text, p{  
    color:rgb(248, 53, 7)  
}
```

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(248, 53, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 53, 7) }
```

## Border

The CSS property to change the border of an element to Android 4294456583 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(248, 53, 7) }
```

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

```
.border{ border-color:rgb(248, 53, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 53, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 53, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 53, 7);  
box-shadow:4px 4px 4px 4px rgb(248, 53, 7)  
}
```

# Background

The CSS property to change the background color of an element to Android 4294456583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 53, 7) }
```

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

```
.background{ background-color: rgb(248, 53,  
7) }
```

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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