

# Converting Colors

Android(4294079803)

Have a look what the booklet for  
Android(4294079803) contains.

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# **Color**

**Android(4294079803)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2753B
RGB	242, 117, 59
RGB Percent	95%, 46%, 23%
CMY	0.0510, 0.5412, 0.7686
CMYK	0.00, 0.52, 0.76, 0.05
HSL	19°, 88%, 59%
HSV	19°, 76%, 95%
XYZ	43.7687, 31.9156, 7.9911
YIQ	147.7630, 93.1180, 8.4620

# Conversions

## Conversions Part 2

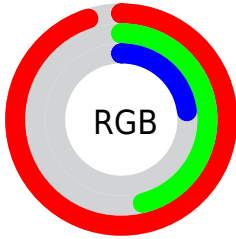
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 144, 59
Decimal	15889723
CIE Lab	63.27, 44.42, 52.94
CIE LCh	63, 69.106, 50.004
Yxy	31.9156, 0.5231, 0.3814
Android (android.graphics.Color)	4294079803 (0xFFFF2753B)
YUV	147.7630, -43.7602, 82.6458
Hunter-Lab	56.4939, 39.4286, 31.1591

# Details

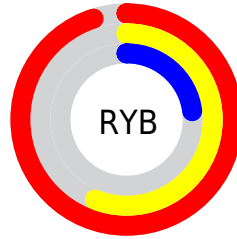
The Android color **4294079803** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **4282104050**, and the grayscale version is **4287927444**.

A 20% lighter version of the original color is **4294945646**, and **4289937669** is the 20% darker color. If you saturate the color by 10%, you get **4294075427**, and if you desaturate by 10%, it is **4294084179**.

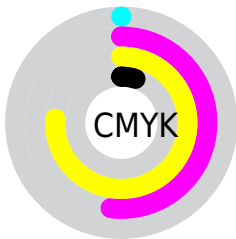
# Distribution



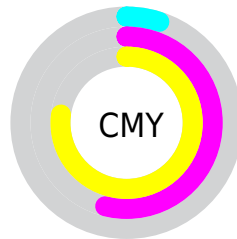
- Red (95%)
- Green (46%)
- Blue (23%)



- Red (95%)
- Yellow (56%)
- Blue (23%)



- Cyan (0%)
- Magenta (52%)
- Yellow (76%)
- Black (5%)



- Cyan (5%)
- Magenta (54%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294079803 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 4294079803 by changing the saturation by 10% instead.





4294079803



4294079803

4294967295



4291975970



4294945646



4289937669



4294952840



4287899136



4294960291



4285924096



4294967230



4283957248



4294967258



4282122240



4294967287



4280090625



4278190080



4294079803



4294079803

4294075427

4294084179

4294071307

4294088299

4294069504

4294092676

4294096796

4294101172

4294105292

4294109668

4294113789

4294115327

# Harmonies

## Analogous

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



4294925939



4294079803



4291333888

# Triad

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



4294079803



4278236290



4285436671

# Complementary

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



4294079803



4282104050

# 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.



4278232831



4294079803



4278236866

# Square

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



4294079803



4282363460



4278235895



4291786217

# Rectangle

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



4294079803



4288978176



4278235895



4280589055



# Sweetspot

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



4294079803



4294956996



4294065080



4286605148



4278190080



4286611584



# Same Dimension

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



4294079803



4294926359



4294103099



4286083180



4290263552



4281864704

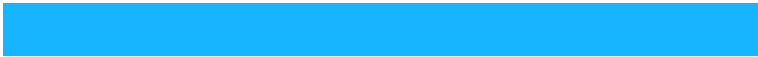


# Inverse Universe

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



4282104050



4279743999



4282080754



4285297784



4278222264



4278199864



# Previews

## White Background



This preview shows how the Android color 4294079803 looks on a white background.

## Color Contrast Check

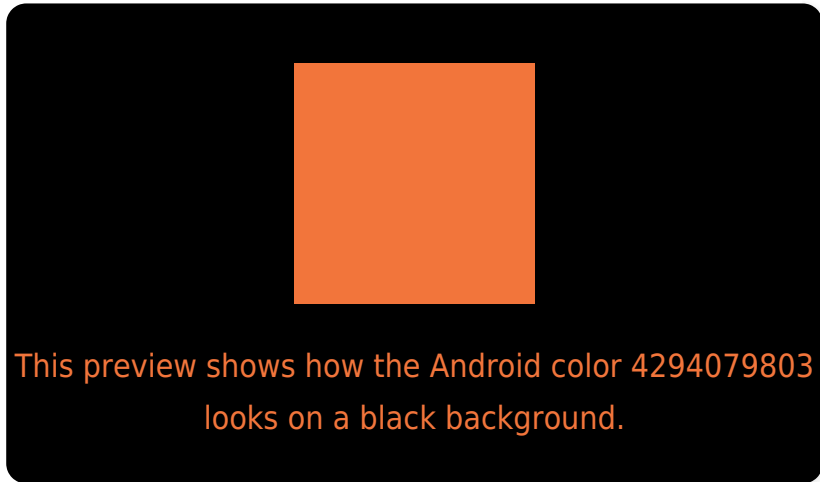
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4294079803 Background



This preview shows how black text looks on a background with the Android color 4294079803.



This preview shows how white text looks on a background with the Android color 4294079803.

# 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





# Trichromacy



**Original Color**  
4294079803

**Protanomaly**  
4291071298

**Deuteranomaly**  
4291987254

**Tritanomaly**  
4294209889

# Monochromacy



**Original Color**  
4294079803

**Achromatopsia**  
4287927444

**Achromatomaly**  
4290152820

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294079803 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(242, 117, 59)` looks like.

```
.text, #text, p{  
    color:rgb(242, 117, 59)  
}
```

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(242, 117, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 117, 59) }
```

## Border

The CSS property to change the border of an element to Android 4294079803 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(242, 117, 59) }
```

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

```
.border{ border-color:rgb(242, 117, 59) }
```

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

Here you see how a box with a 4 pixel rgb(242, 117, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 117, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 117, 59);  
box-shadow:4px 4px 4px 4px rgb(242, 117,  
59) }
```

# Background

The CSS property to change the background color of an element to Android 4294079803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 117, 59) }
```

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

```
.background{ background-color: rgb(242,  
117, 59) }
```

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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