

# Converting Colors

Android(4293550871)

Have a look what the booklet for  
Android(4293550871) contains.

<b>Android(4293550871)</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(4293550871)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EA6317
RGB	234, 99, 23
RGB Percent	92%, 39%, 9%
CMY	0.0824, 0.6118, 0.9098
CMYK	0.00, 0.58, 0.90, 0.08
HSL	22°, 83%, 50%
HSV	22°, 90%, 92%
XYZ	38.5482, 26.4780, 3.8897
YIQ	130.7010, 104.8560, 4.9840

# Conversions

## Conversions Part 2

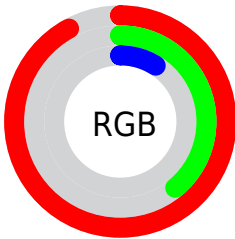
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 142, 23
Decimal	15360791
CIE <sub>Lab</sub>	58.49, 49.04, 62.56
CIE <sub>LCh</sub>	58, 79.487, 51.909
Yxy	26.4780, 0.5594, 0.3842
Android (android.graphics.Color)	4293550871 (0xFFEA6317)
YUV	130.7010, -53.0966, 90.5932
Hunter-Lab	51.4567, 43.6717, 31.5379

# Details

The Android color **4293550871** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **4279738090**, and the grayscale version is **4286808963**.

A 20% lighter version of the original color is **4294941006**, and **4289342720** is the 20% darker color. If you saturate the color by 10%, you get **4293547008**, and if you desaturate by 10%, it is **4293554734**.

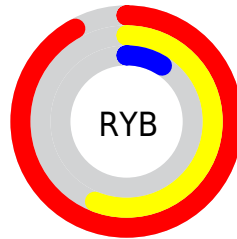
# Distribution



Red (92%)

Green (39%)

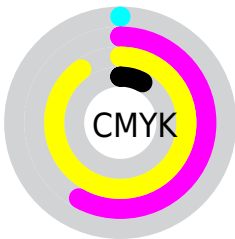
Blue (9%)



Red (92%)

Yellow (56%)

Blue (9%)

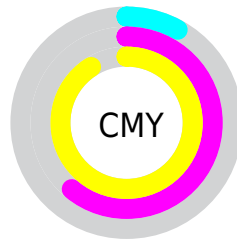


Cyan (0%)

Magenta (58%)

Yellow (90%)

Black (8%)



Cyan (8%)

Magenta (61%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293550871 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 4293550871 by changing the saturation by 10% instead.





4293550871



4293550871

4294967295



4291446784



4294941006



4289342720



4294948200



4287302144



4294955394



4285267968



4294962845



4283301888



4294967225



4281597954



4294967253



4278190080



4294967282



4293550871



4293550871

4293547008

4293554734

4293558598

4293562461

4293566325

4293570188

4293574051

4293577915

4293581778

4293585642

# Harmonies

## Analogous

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



4294917725



4293550871



4290413312

# Triad

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



4293550871



4278233719



4283925503

# Complementary

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



4293550871



4279738090

# 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.



4278230015



4293550871



4278234047

# Square

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



4293550871



4278232108



4278233082



4291583716

# Rectangle

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



4293550871



4287664640



4278233082



4278226175



# Sweetspot

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



4293550871



4294955962



4293531552



4286604631



4278190080



4286611584



# Same Dimension

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



4293550871



4294925312



4293577239



4285886058



4290068736



4281733888

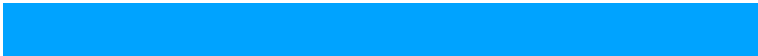


# Inverse Universe

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



4279738090



4278232063



4279711722



4285165941



4278219957



4278198838



# Previews

## White Background



This preview shows how the Android color 4293550871 looks on a white background.

## Color Contrast Check

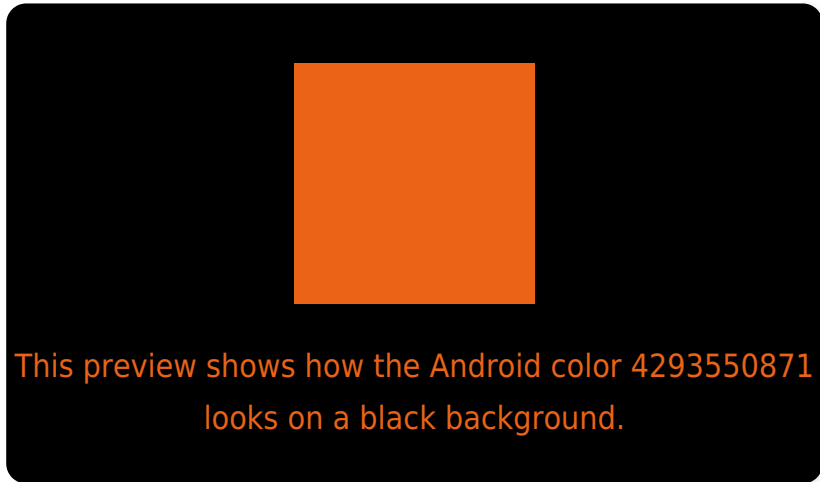
Large Text (above 18pt) WCAG AA ✓ Pass

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 4293550871 Background



This preview shows how black text looks on a background with the Android color 4293550871.



This preview shows how white text looks on a background with the Android color 4293550871.

# 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**  
4293550871

**Protanopia**  
4288646434

**Deuteranopia**  
4289889792



# Trichromacy



**Original Color**  
4293550871

**Protanomaly**  
4290412062

**Deuteranomaly**  
4291197192

**Tritanomaly**  
4293615431

# Monochromacy



**Original Color**  
4293550871

**Achromatopsia**  
4286808963

**Achromatomaly**  
4289230684

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293550871 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(234, 99, 23)` looks like.

```
.text, #text, p{  
    color:rgb(234, 99, 23)  
}
```

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(234, 99, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 99, 23) }
```

## Border

The CSS property to change the border of an element to Android 4293550871 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(234, 99, 23) }
```

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

```
.border{ border-color:rgb(234, 99, 23) }
```

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

Here you see how a box with a 4 pixel rgb(234, 99, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 99, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 99, 23);  
box-shadow:4px 4px 4px 4px rgb(234, 99,  
23) }
```

# Background

The CSS property to change the background color of an element to Android 4293550871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 99, 23) }
```

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

```
.background{ background-color: rgb(234, 99,  
23) }
```

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