

# Converting Colors

Android(4293607199)

Have a look what the booklet for  
Android(4293607199) contains.

<b>Android(4293607199)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4293607199)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB3F1F
RGB	235, 63, 31
RGB Percent	92%, 25%, 12%
CMY	0.0784, 0.7529, 0.8784
CMYK	0.00, 0.73, 0.87, 0.08
HSL	9°, 84%, 52%
HSV	9°, 87%, 92%
XYZ	36.2858, 21.3161, 3.4983
YIQ	110.7800, 112.7840, 26.5120

# Conversions

## Conversions Part 2

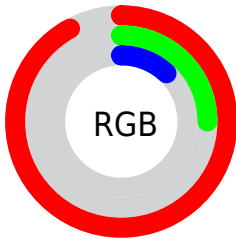
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	235, 69, 31
Decimal	15417119
CIELab	53.29, 64.04, 55.89
CIELCh	53, 84.998, 41.114
Yxy	21.3161, 0.5939, 0.3489
Android (android.graphics.Color)	4293607199 (0xFFEB3F1F)
YUV	110.7800, -39.3315, 108.9409
Hunter-Lab	46.1694, 59.4917, 27.8261

# Details

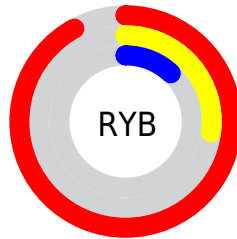
The Android color **4293607199** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **4280273899**, and the grayscale version is **4285493103**.

A 20% lighter version of the original color is **4294933072**, and **4289331200** is the 20% darker color. If you saturate the color by 10%, you get **4293602055**, and if you desaturate by 10%, it is **4293612342**.

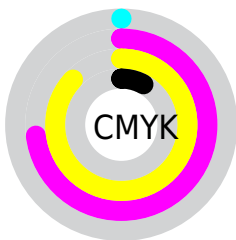
# Distribution



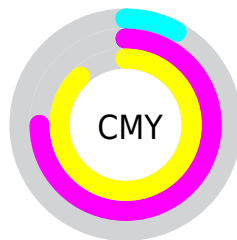
- Red (92%)
- Green (25%)
- Blue (12%)



- Red (92%)
- Yellow (27%)
- Blue (12%)



- Cyan (0%)
- Magenta (73%)
- Yellow (87%)
- Black (8%)



- Cyan (8%)
- Magenta (75%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293607199 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 4293607199 by changing the saturation by 10% instead.





4293607199



4293607199

4294967295



4291435011



4294933072



4289331200



4294940522



4287234048



4294947716



4285136896



4294955422



4283170818



4294962874



4281204738



4294967254



4278190080



4294967283



4293607199



4293607199

 4293602055

 4293612342

 4293600512

 4293617486

 4293622374

 4293627517

 4293632660

 4293637804

 4293642947

 4293648091

 4293652979

# Harmonies

## Analogous

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



4294705256



4293607199



4290734592

# Triad

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



4293607199



4278229836



4278223103

# Complementary

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



4293607199



4280273899

# 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.



4278228223



4293607199



4278230682

# Square

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



4293607199



4280259584



4278230495



4288699631

# Rectangle

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



4293607199



4288183808



4278230495



4278225407



# Sweetspot

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



4293607199



4294952893



4293599180



4286602840



4278190080



4286611584



# Same Dimension

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



4293607199



4294912000



4293633055



4285885290



4290059264



4281731072



# Inverse Universe

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



4280273899



4278245375



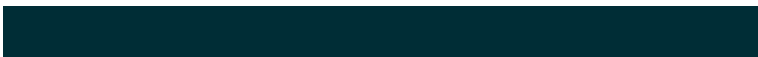
4280248043



4285166453



4278229429



4278201654



# Previews

## White Background



This preview shows how the Android color 4293607199 looks on a white background.

## Color Contrast Check

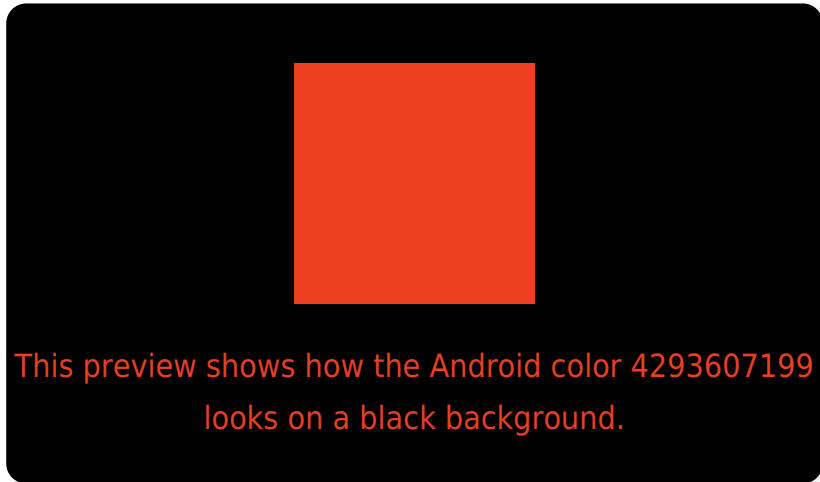
Large Text (above 18pt) WCAG AA ✓ Pass

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 4293607199 Background



This preview shows how black text looks on a background with the Android color 4293607199.



This preview shows how white text looks on a background with the Android color 4293607199.

# 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**  
4293607199

**Protanopia**  
4287594543

**Deuteranopia**  
4288772352



# Trichromacy



**Original Color**  
4293607199

**Protanomaly**  
4289751081

**Deuteranomaly**  
4290536459

**Tritanomaly**  
4293672243

# Monochromacy



**Original Color**  
4293607199

**Achromatopsia**  
4285493103

**Achromatomaly**  
4288437842

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293607199 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(235, 63, 31)` looks like.

```
.text, #text, p{  
    color:rgb(235, 63, 31)  
}
```

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(235, 63, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 63, 31) }
```

## Border

The CSS property to change the border of an element to Android 4293607199 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(235, 63, 31) }
```

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

```
.border{ border-color:rgb(235, 63, 31) }
```

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

Here you see how a box with a 4 pixel rgb(235, 63, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 63, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 63, 31);  
box-shadow:4px 4px 4px 4px rgb(235, 63,  
31) }
```

# Background

The CSS property to change the background color of an element to Android 4293607199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 63, 31) }
```

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

```
.background{ background-color: rgb(235, 63,  
31) }
```

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