

# Converting Colors

Android(4293616899)

Have a look what the booklet for  
Android(4293616899) contains.

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# Color

**Android(4293616899)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EB6503
RGB	235, 101, 3
RGB Percent	92%, 40%, 1%
CMY	0.0784, 0.6039, 0.9882
CMYK	0.00, 0.57, 0.99, 0.08
HSL	25°, 97%, 47%
HSV	25°, 99%, 92%
XYZ	38.9311, 26.9761, 3.2412
YIQ	129.8940, 111.3220, -2.0700

# Conversions

## Conversions Part 2

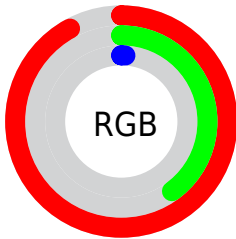
Format	Color
<a href="#">RYB</a>	<a href="#">235, 173, 3</a>
Decimal	<a href="#">15426819</a>
CIELab	<a href="#">58.95, 48.26, 67.24</a>
CIELCh	<a href="#">59, 82.768, 54.336</a>
Yxy	<a href="#">26.9761, 0.5630, 0.3901</a>
Android (android.graphics.Color)	<a href="#">4293616899 (0xFFEB6503)</a>
YUV	<a href="#">129.8940, -62.5587, 92.1780</a>
Hunter-Lab	<a href="#">51.9385, 42.9041, 32.6570</a>

# Details

The Android color **4293616899** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **4278421995**, and the grayscale version is **4286743170**.

A 20% lighter version of the original color is **4294941508**, and **4289408768** is the 20% darker color. If you saturate the color by 10%, you get **4293616384**, and if you desaturate by 10%, it is **4293620506**.

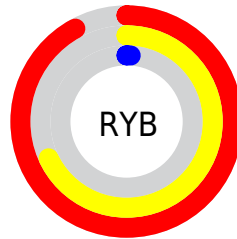
# Distribution



Red (92%)

Green (40%)

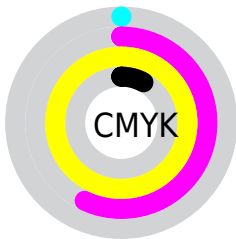
Blue (1%)



Red (92%)

Yellow (68%)

Blue (1%)

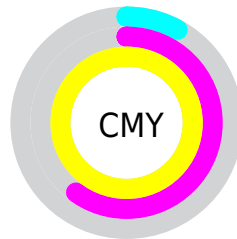


Cyan (0%)

Magenta (57%)

Yellow (99%)

Black (8%)



Cyan (8%)

Magenta (60%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293616899 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 4293616899 by changing the saturation by 10% instead.





4293616899



4293616899

4294967295



4291512832



4294941508



4289408768



4294948703



4287303424



4294955897



4285333504



4294963349



4283367424



4294967216



4281663490



4294967245



4278321152



4294967273



4278190080



4293616899



4293616899

■ 4293616384

■ 4293620506

■ 4293623858

■ 4293627465

■ 4293630817

■ 4293634424

■ 4293637776

■ 4293641383

■ 4293644991

■ 4293648342

# Harmonies

## Analogous

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



4294917207



4293616899



4290217472

# Triad

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



4293616899



4278234237



4284776959

# Complementary

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



4293616899



4278421995

# 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



4293616899



4278234568

# Square

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



4293616899



4278232879



4278233599



4292237796

# Rectangle

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



4293616899



4287337728



4278233599



4278225919



# Sweetspot

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



4293616899



4294955955



4293591946



4286604626



4278190080



4286611584



# Same Dimension

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



4293616899



4294929408



4293646339



4285886314



4290071552



4281734912



# Inverse Universe

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



4278421995



4278227967



4278392555



4285165685



4278217141



4278198070



# Previews

## White Background



This preview shows how the Android color 4293616899 looks on a white background.

## Color Contrast Check

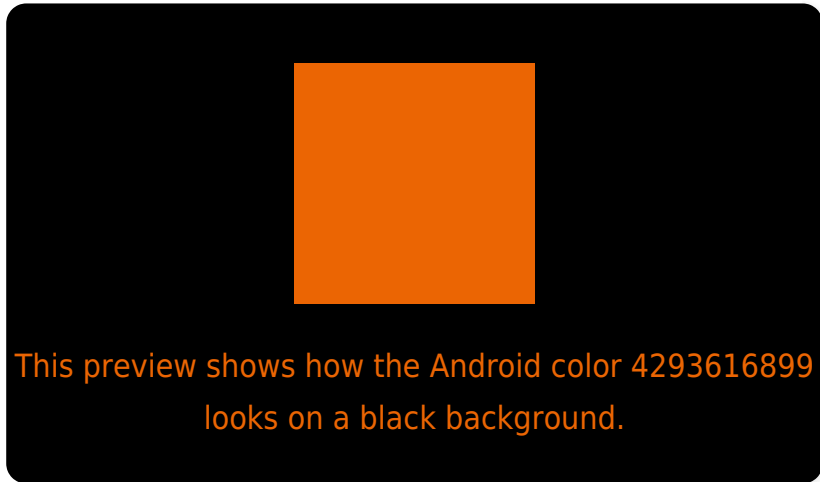
Large Text (above 18pt) WCAG AA ✓ Pass

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 4293616899 Background



This preview shows how black text looks on a background with the Android color 4293616899.



This preview shows how white text looks on a background with the Android color 4293616899.

# 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**  
4293616899

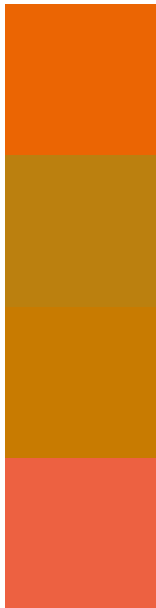
**Protanopia**  
4288712470

**Deuteranopia**  
4290021120



**Tritanopia**  
4293811812

# Trichromacy



**Original Color**  
4293616899

**Protanomaly**  
4290478095

**Deuteranomaly**  
4291328769

**Tritanomaly**  
4293747009

# Monochromacy



**Original Color**  
4293616899

**Achromatopsia**  
4286743170

**Achromatomaly**  
4289230676

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293616899 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, 101, 3)` looks like.

```
.text, #text, p{  
    color:rgb(235, 101, 3)  
}
```

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, 101, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 101, 3) }
```

## Border

The CSS property to change the border of an element to Android 4293616899 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, 101, 3) }
```

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

```
.border{ border-color:rgb(235, 101, 3) }
```

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

Here you see how a box with a 4 pixel rgb(235, 101, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 101, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 101, 3);  
box-shadow:4px 4px 4px 4px rgb(235, 101,  
3) }
```

# Background

The CSS property to change the background color of an element to Android 4293616899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 101, 3) }
```

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

```
.background{ background-color: rgb(235,  
101, 3) }
```

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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