

# Converting Colors

Android(4293623319)

Have a look what the booklet for  
Android(4293623319) contains.

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# **Color**

**Android(4293623319)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB7E17
RGB	235, 126, 23
RGB Percent	92%, 49%, 9%
CMY	0.0784, 0.5059, 0.9098
CMYK	0.00, 0.46, 0.90, 0.08
HSL	29°, 84%, 51%
HSV	29°, 90%, 92%
XYZ	41.8765, 32.6457, 4.9047
YIQ	146.8490, 98.0270, -8.9250

# Conversions

## Conversions Part 2

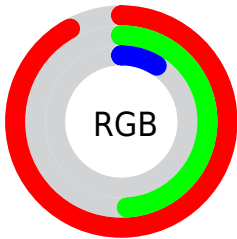
Format	Color
<a href="#">RYB</a>	<a href="#">235, 223, 23</a>
Decimal	<a href="#">15433239</a>
CIELab	<a href="#">63.87, 36.18, 66.55</a>
CIELCh	<a href="#">64, 75.751, 61.467</a>
Yxy	<a href="#">32.6457, 0.5272, 0.4110</a>
Android (android.graphics.Color)	<a href="#">4293623319</a> ( <a href="#">0xFFEB7E17</a> )
YUV	<a href="#">146.8490, -61.0576, 77.3084</a>
Hunter-Lab	<a href="#">57.1364, 30.8375, 34.9059</a>

# Details

The Android color **4293623319** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **4279731435**, and the grayscale version is **4287861651**.

A 20% lighter version of the original color is **4294947921**, and **4289481472** is the 20% darker color. If you saturate the color by 10%, you get **4293620224**, and if you desaturate by 10%, it is **4293626415**.

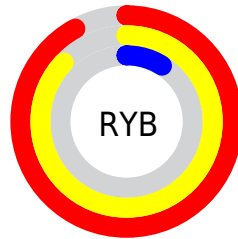
# Distribution



Red (92%)

Green (49%)

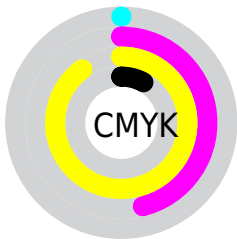
Blue (9%)



Red (92%)

Yellow (87%)

Blue (9%)

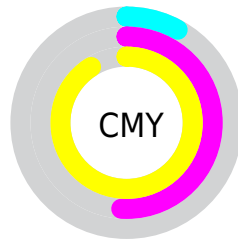


Cyan (0%)

Magenta (46%)

Yellow (90%)

Black (8%)



Cyan (8%)

Magenta (51%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293623319 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 4293623319 by changing the saturation by 10% instead.





4293623319



4293623319

4294967295



4291519488



4294947921



4289481472



4294955116



4287443456



4294962311



4285470976



4294967203



4283564032



4294967231



4281794560



4294967259



4279566336



4294967288



4278190080



4293623319



4293623319

4293620224

4293626415

4293629510

4293632606

4293635701

4293638797

4293641892

4293645243

4293648339

4293651435

# Harmonies

## Analogous

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



4294926168



4293623319



4290156800

# Triad

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



4293623319



4278237596



4288382975

# Complementary

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



4293623319



4279731435

# 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.



4278231807



4293623319



4278237664

# Square

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



4293623319



4278236502



4278235903



4293748188

# Rectangle

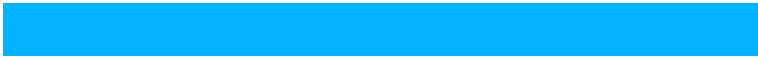
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4293623319



4287342080



4278235903



4285370879



# Sweetspot

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



4293623319



4294958266



4293597061



4286606167



4278190080



4286611584



# Same Dimension

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



4293623319



4294933504



4293650199



4285886314



4290074624



4281735680



# Inverse Universe

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



4279731435



4278223871



4279704555



4285165685



4278214069



4278197302



# Previews

## White Background



This preview shows how the Android color 4293623319 looks on a white background.

## Color Contrast Check

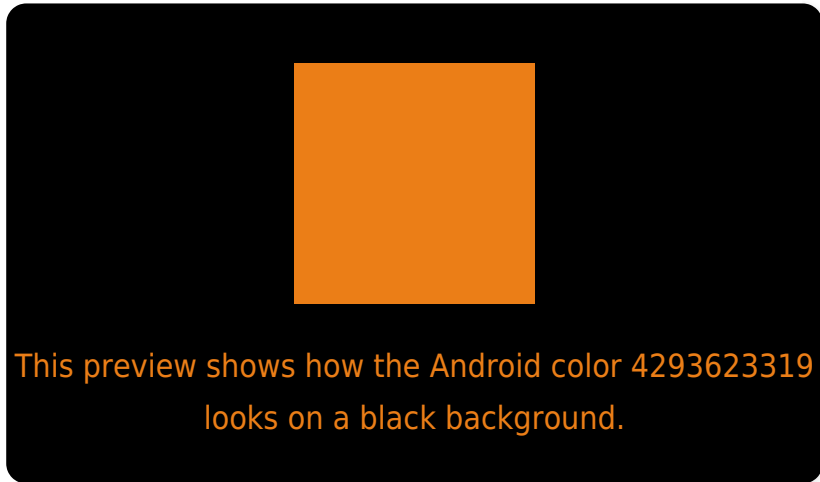
Large Text (above 18pt) WCAG AA × Fail

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 4293623319 Background



This preview shows how black text looks on a background with the Android color 4293623319.



This preview shows how white text looks on a background with the Android color 4293623319.

# 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**  
4293623319

**Protanopia**  
4289698847

**Deuteranopia**  
4291072768



# Trichromacy



**Original Color**  
4293623319

**Protanomaly**  
4291137820

**Deuteranomaly**  
4291988232

**Tritanomaly**  
4293818457

# Monochromacy



**Original Color**  
4293623319

**Achromatopsia**  
4287861651

**Achromatomaly**  
4289956710

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293623319 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, 126, 23)` looks like.

```
.text, #text, p{  
    color:rgb(235, 126, 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(235, 126, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 126, 23) }
```

## Border

The CSS property to change the border of an element to Android 4293623319 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, 126, 23) }
```

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

```
.border{ border-color:rgb(235, 126, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 126, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 126, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 126, 23);  
box-shadow:4px 4px 4px 4px rgb(235, 126,  
23) }
```

# Background

The CSS property to change the background color of an element to Android 4293623319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 126, 23) }
```

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

```
.background{ background-color: rgb(235,  
126, 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](#).



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