

# Converting Colors

Android(4293334272)

Have a look what the booklet for  
Android(4293334272) contains.

<b>Android(4293334272)</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(4293334272)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E71500
RGB	231, 21, 0
RGB Percent	91%, 8%, 0%
CMY	0.0941, 0.9176, 1.0000
CMYK	0.00, 0.91, 1.00, 0.09
HSL	5°, 100%, 45%
HSV	5°, 100%, 91%
XYZ	33.2232, 17.5253, 1.6317
YIQ	81.3960, 131.9010, 37.9890

# Conversions

## Conversions Part 2

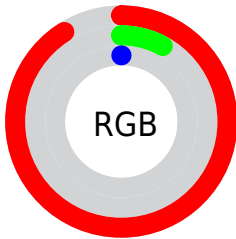
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	231, 23, 0
Decimal	15144192
CIE <sub>Lab</sub>	48.92, 72.41, 62.61
CIE <sub>LCh</sub>	49, 95.724, 40.852
Yxy	17.5253, 0.6343, 0.3346
Android (android.graphics.Color)	4293334272 (0xFFE71500)
YUV	81.3960, -40.1282, 131.2027
Hunter-Lab	41.8632, 68.3994, 26.9933

# Details

The Android color **4293334272** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **4278244071**, and the grayscale version is **4283585106**.

A 20% lighter version of the original color is **4294926649**, and **4289003520** is the 20% darker color. If you saturate the color by 10%, you get **4293334272**, and if you desaturate by 10%, it is **4293339671**.

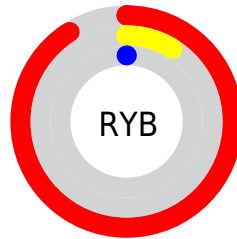
# Distribution



Red (91%)

Green (8%)

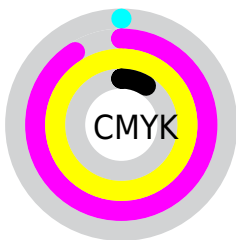
Blue (0%)



Red (91%)

Yellow (9%)

Blue (0%)

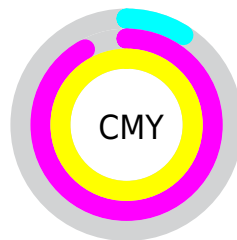


Cyan (0%)

Magenta (91%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (92%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293334272 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 4293334272 by changing the saturation by 10% instead.



 4293334272

 4293334272

 4294967285

 4291166208

 4294926649

 4289003520

 4294934354

 4286840832

 4294941803

 4284743681

 4294949510

 4282843140

 4294957217

 4280680449

 4294964924

 4278190080

 4294967256

 4293334272

 4293339671

 4293345070

 4293350469

 4293355868

 4293361268

 4293366667

 4293372066

 4293377465

 4293382864

# Harmonies

## Analogous

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



4294639707



4293334272



4290206720

# Triad

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



4293334272



4278227258



4278220799

# Complementary

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



4293334272



4278244071

# 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.



4278226175



4293334272



4278227857

# Square

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



4293334272



4278225408



4278227934



4287908593

# Rectangle

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



4293334272



4287394304



4278227934



4278223103



# Sweetspot

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



4293334272



4294949299



4293329108



4286600786



4278190080



4286611584



# Same Dimension

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



4293334272



4294907648



4293363456



4285753447



4289925120



4281533696



# Inverse Universe

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



4278244071



4278249727



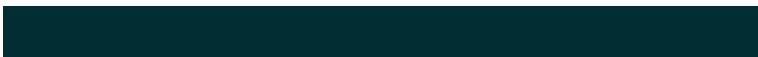
4278214887



4284969587



4278231731



4278201907



# Previews

## White Background



This preview shows how the Android color 4293334272 looks on a white background.

## Color Contrast Check

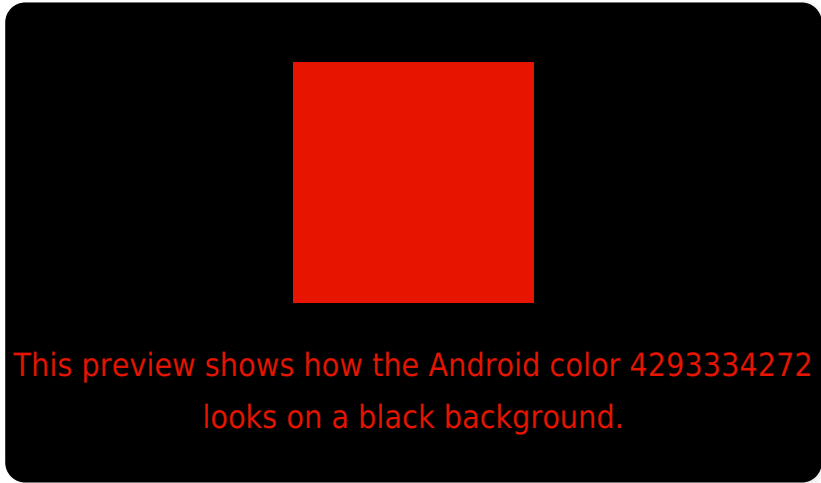
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 4293334272 Background



This preview shows how black text looks on a background with the Android color 4293334272.



This preview shows how white text looks on a background with the Android color 4293334272.

# 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



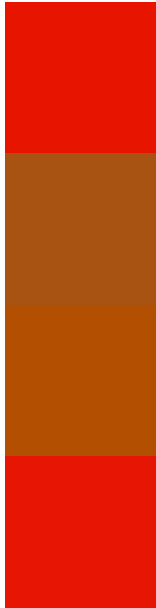
**Original Color**  
4293334272

**Protanopia**  
4286871069

**Deuteranopia**  
4287918080



# Trichromacy



**Original Color**  
4293334272

**Protanomaly**  
4289221394

**Deuteranomaly**  
4289875712

**Tritanomaly**  
4293334276

# Monochromacy



**Original Color**  
4293334272

**Achromatopsia**  
4283519313

**Achromatomaly**  
4287118132

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293334272 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(231, 21, 0)` looks like.

```
.text, #text, p{  
    color:rgb(231, 21, 0)  
}
```

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(231, 21, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 21, 0) }
```

## Border

The CSS property to change the border of an element to Android 4293334272 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(231, 21, 0) }
```

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

```
.border{ border-color:rgb(231, 21, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 21, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 21, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 21, 0);  
box-shadow:4px 4px 4px 4px rgb(231, 21, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4293334272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 21, 0) }
```

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

```
.background{ background-color: rgb(231, 21,  
0) }
```

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