

# Converting Colors

Android(4293001229)

Have a look what the booklet for  
Android(4293001229) contains.

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**Color**

**Android(4293001229)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E2000D
RGB	226, 0, 13
RGB Percent	89%, 0%, 5%
CMY	0.1137, 1.0000, 0.9490
CMYK	0.00, 1.00, 0.94, 0.11
HSL	357°, 100%, 44%
HSV	357°, 100%, 89%
XYZ	31.4367, 16.1978, 1.8504
YIQ	69.0560, 130.5230, 51.9550

# Conversions

## Conversions Part 2

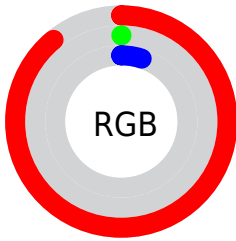
Format	Color
<a href="#">RYB</a>	<a href="#">226, 0, 13</a>
Decimal	<a href="#">14811149</a>
CIELab	<a href="#">47.23, 73.23, 57.60</a>
CIElCh	<a href="#">47, 93.168, 38.190</a>
Yxy	<a href="#">16.1978, 0.6353, 0.3273</a>
Android (android.graphics.Color)	<a href="#">4293001229</a> (0xFFE2000D)
YUV	<a href="#">69.0560, -27.6356, 137.6399</a>
Hunter-Lab	<a href="#">40.2465, 68.9956, 25.4467</a>

# Details

The Android color **4293001229** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **4278248149**, and the grayscale version is **4282729797**.

A 20% lighter version of the original color is **4294924863**, and **4288675840** is the 20% darker color. If you saturate the color by 10%, you get **4293001229**, and if you desaturate by 10%, it is **4293007138**.

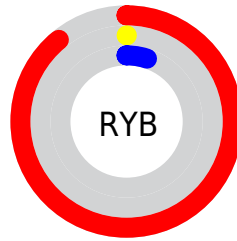
# Distribution



Red (89%)

Green (0%)

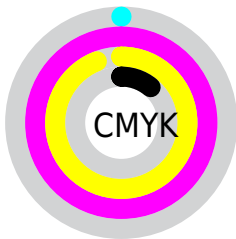
Blue (5%)



Red (89%)

Yellow (0%)

Blue (5%)

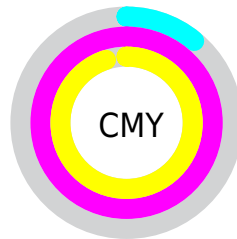


Cyan (0%)

Magenta (100%)

Yellow (94%)

Black (11%)



Cyan (11%)

Magenta (100%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293001229 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 4293001229 by changing the saturation by 10% instead.



 4293001229

 4293001229

 4294967291

 4290838528

 4294924863

 4288675840

 4294932824

 4286513152

 4294940273

 4284481538

 4294947979

 4282515459

 4294955686

 4280287233

 4294963394

 4278190080

 4294967262

 4293001229

 4293007138

 4293012792

 4293018701

 4293024354

 4293030263

 4293036173

 4293041826

 4293047735

 4293053389

# Harmonies

## Analogous

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



4294049887



4293001229



4290139392

# Triad

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



4293001229



4278225711



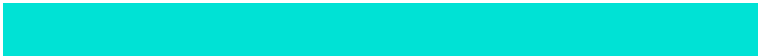
4278220287

# Complementary

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



4293001229



4278248149

# 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.



4278225151



4293001229



4278226564

# Square

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



4293001229



4278223872



4278226641



4286794990

# Rectangle

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



4293001229



4287458304



4278226641



4278222335



# Sweetspot

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



4293001229



4294947767



4292018402



4286599764



4278190080



4286611584



# Same Dimension

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



4293001229



4294901775



4293026304



4285556070



4289724426



4281335811



# Inverse Universe

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



4293001229



4294901775



4278223074



4285556070



4289724426



4281335811



# Previews

## White Background



This preview shows how the Android color 4293001229 looks on a white background.

## Color Contrast Check

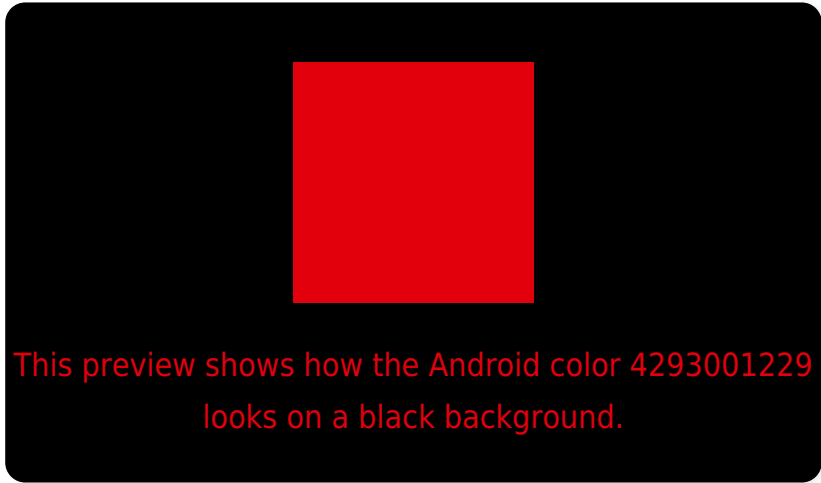
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4293001229 Background



This preview shows how black text looks on a background with the Android color 4293001229.



This preview shows how white text looks on a background with the Android color 4293001229.

# 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



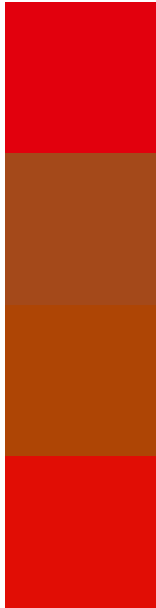
**Original Color**  
4293001229

**Protanopia**  
4286607906

**Deuteranopia**  
4287654912



# Trichromacy



**Original Color**  
4293001229

**Protanomaly**  
4288956698

**Deuteranomaly**  
4289611013

**Tritanomaly**  
4292939013

# Monochromacy



**Original Color**  
4293001229

**Achromatopsia**  
4282729797

**Achromatomaly**  
4286458929

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293001229 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(226, 0, 13)` looks like.

```
.text, #text, p{  
  color:rgb(226, 0, 13)  
}
```

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(226, 0, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 0, 13) }
```

## Border

The CSS property to change the border of an element to Android 4293001229 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(226, 0, 13) }
```

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

```
.border{ border-color:rgb(226, 0, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 0, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 0, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 0, 13);  
box-shadow:4px 4px 4px 4px rgb(226, 0, 13)  
}
```

# Background

The CSS property to change the background color of an element to Android 4293001229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 0, 13) }
```

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

```
.background{ background-color: rgb(226, 0,  
13) }
```

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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