

# Converting Colors

Android(4293086976)

Have a look what the booklet for  
Android(4293086976) contains.

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# Color

**Android(4293086976)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E34F00
RGB	227, 79, 0
RGB Percent	89%, 31%, 0%
CMY	0.1098, 0.6902, 1.0000
CMYK	0.00, 0.65, 1.00, 0.11
HSL	21°, 100%, 45%
HSV	21°, 100%, 89%
XYZ	34.4745, 21.9229, 2.4145
YIQ	114.2460, 113.5670, 6.8070

# Conversions

## Conversions Part 2

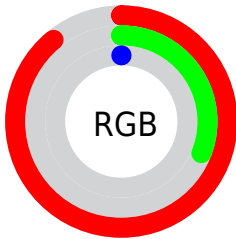
Format	Color
<a href="#">RYB</a>	227, 121, 0
Decimal	14896896
CIELab	53.95, 55.09, 64.41
CIELCh	54, 84.754, 49.456
Yxy	21.9229, 0.5862, 0.3728
Android (android.graphics.Color)	4293086976 (0xFFE34F00)
YUV	114.2460, -56.3233, 98.8853
Hunter-Lab	46.8219, 49.4898, 29.7178

# Details

The Android color **4293086976** 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 **4278228195**, and the grayscale version is **4285756275**.

A 20% lighter version of the original color is **4294936126**, and **4288875776** is the 20% darker color. If you saturate the color by 10%, you get **4293086976**, and if you desaturate by 10%, it is **4293090839**.

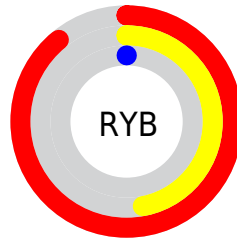
# Distribution



Red (89%)

Green (31%)

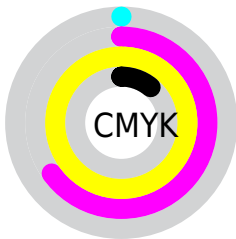
Blue (0%)



Red (89%)

Yellow (47%)

Blue (0%)

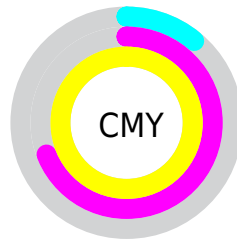


Cyan (0%)

Magenta (65%)

Yellow (100%)

Black (11%)



Cyan (11%)

Magenta (69%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293086976 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 4293086976 by changing the saturation by 10% instead.



 4293086976

 4293086976

4294967295

 4290982400

 4294936126

 4288875776

 4294943321

 4286775296

 4294950515

 4284743680

 4294957966

 4282843137

 4294965673

 4280942593

 4294967237

 4278190080

 4294967266

 4293086976

 4293090839

 4293094701

 4293098308

 4293102171

 4293106034

 4293109896

 4293113759

 4293117366

 4293121228

# Harmonies

## Analogous

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



4294710358



4293086976



4289885440

# Triad

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



4293086976



4278230628



4278221311

# Complementary

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



4293086976



4278228195

# 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.



4278227711



4293086976



4278231216

# Square

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



4293086976



4278228996



4278230512



4290531553

# Rectangle

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



4293086976



4287137024



4278230512



4278223871



# Sweetspot

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



4293086976



4294954419



4293066903



4286603858



4278190080



4286611584



# Same Dimension

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



4293086976



4294924544



4293115136



4285754215



4289936896



4281537024

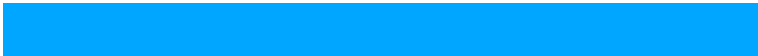


# Inverse Universe

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



4278228195



4278232831



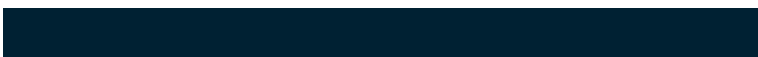
4278200035



4284968819



4278219955



4278198579



# Previews

## White Background



This preview shows how the Android color 4293086976 looks on a white background.

## Color Contrast Check

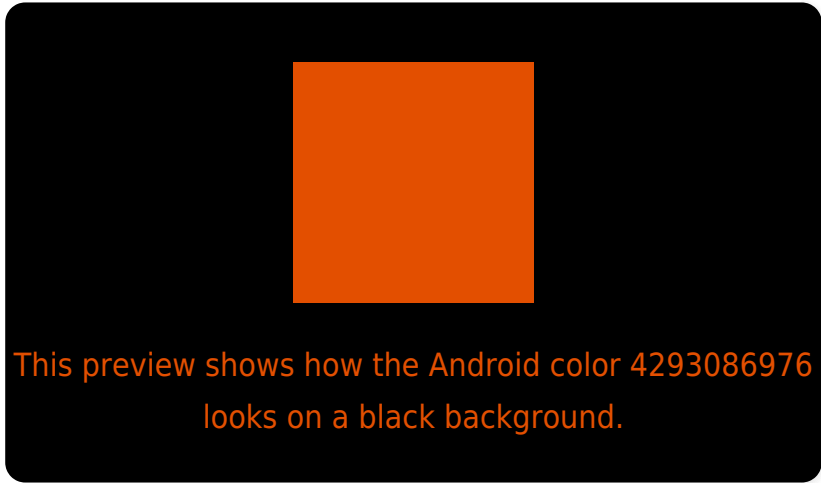
Large Text (above 18pt) WCAG AA ✓ Pass

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 4293086976 Background



This preview shows how black text looks on a background with the Android color 4293086976.



This preview shows how white text looks on a background with the Android color 4293086976.

# 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**  
4293086976

**Protanopia**  
4287791640

**Deuteranopia**  
4288903936



# Trichromacy



**Original Color**

4293086976

**Protanomaly**

4289687311

**Deuteranomaly**

4290407168

**Tritanomaly**

4293151793

# Monochromacy



**Original Color**

4293086976

**Achromatopsia**

4285690482

**Achromatomaly**

4288374089

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293086976 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(227, 79, 0)` looks like.

```
.text, #text, p{  
    color:rgb(227, 79, 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(227, 79, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 79, 0) }
```

## Border

The CSS property to change the border of an element to Android 4293086976 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(227, 79, 0) }
```

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

```
.border{ border-color:rgb(227, 79, 0) }
```

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

Here you see how a box with a 4 pixel rgb(227, 79, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 79, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 79, 0);  
box-shadow:4px 4px 4px 4px rgb(227, 79, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4293086976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 79, 0) }
```

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

```
.background{ background-color: rgb(227, 79,  
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](#).



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