

# Converting Colors

Android(4292495872)

Have a look what the booklet for  
Android(4292495872) contains.

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# Color

**Android(4292495872)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA4A00
RGB	218, 74, 0
RGB Percent	85%, 29%, 0%
CMY	0.1451, 0.7098, 1.0000
CMYK	0.00, 0.66, 1.00, 0.15
HSL	20°, 100%, 43%
HSV	20°, 100%, 85%
XYZ	31.3622, 19.8030, 2.1694
YIQ	108.6200, 109.5780, 7.5140

# Conversions

## Conversions Part 2

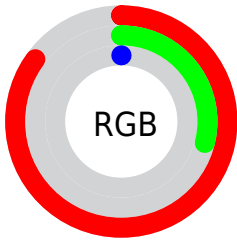
Format	Color
<a href="#">RYB</a>	<a href="#">218, 112, 0</a>
Decimal	<a href="#">14305792</a>
CIELab	<a href="#">51.61, 54.07, 62.36</a>
CIELCh	<a href="#">52, 82.534, 49.070</a>
Yxy	<a href="#">19.8030, 0.5880, 0.3713</a>
Android (android.graphics.Color)	<a href="#">4292495872 (0xFFDA4A00)</a>
YUV	<a href="#">108.6200, -53.5497, 95.9263</a>
Hunter-Lab	<a href="#">44.5005, 47.9238, 28.2600</a>

# Details

The Android color **4292495872** 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 **4278227162**, and the grayscale version is **4285361517**.

A 20% lighter version of the original color is **4294934845**, and **4288283648** is the 20% darker color. If you saturate the color by 10%, you get **4292495872**, and if you desaturate by 10%, it is **4292499478**.

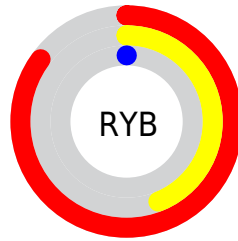
# Distribution



Red (85%)

Green (29%)

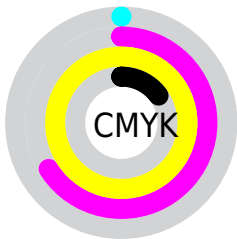
Blue (0%)



Red (85%)

Yellow (44%)

Blue (0%)

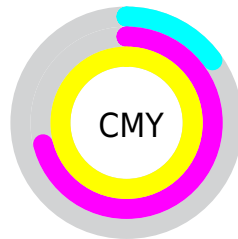


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (15%)



Cyan (15%)

Magenta (71%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292495872 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 4292495872 by changing the saturation by 10% instead.



 4292495872

 4292495872

4294967292

 4290391296

 4294934845

 4288283648

 4294942039

 4286251008

 4294949233

 4284219392

 4294956684

 4282384386

 4294964135

 4280287233

 4294967235

 4278190080

 4294967263

 4292495872

 4292499478

 4292503340

 4292506945

 4292510807

 4292514413

 4292518019

 4292521881

 4292525486

 4292529348

# Harmonies

## Analogous

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



4294053202



4292495872



4289425152

# Triad

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



4292495872



4278228830



4278220031

# Complementary

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



4292495872



4278227162

# 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



4292495872



4278229416

# Square

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



4292495872



4278227200



4278228710



4289940953

# Rectangle

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



4292495872



4286742272



4278228710



4278222591



# Sweetspot

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



4292495872



4294954163



4292477073



4286603602



4278190080



4286611584



# Same Dimension

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



4292495872



4294924032



4292523520



4285425251



4289542912



4281208832

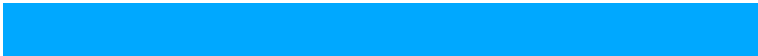


# Inverse Universe

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



4278227162



4278233343



4278199514



4284705390



4278219693



4278197806



# Previews

## White Background



This preview shows how the Android color 4292495872 looks on a white background.

## Color Contrast Check

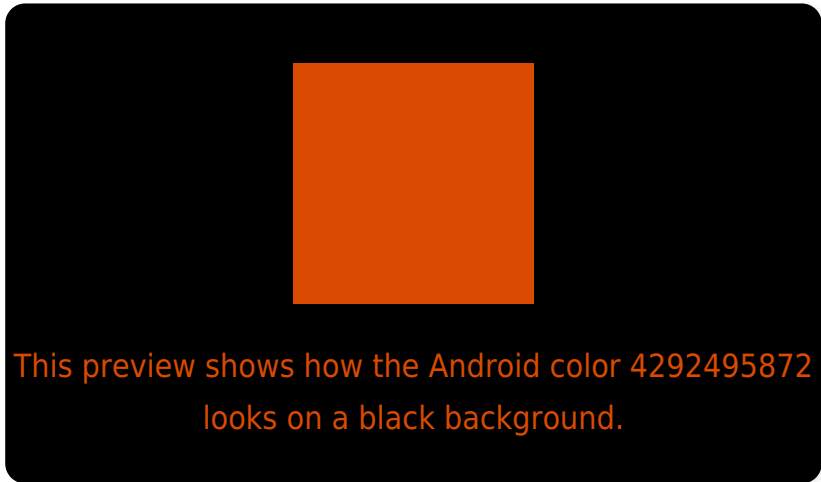
Large Text (above 18pt) WCAG AA ✓ Pass

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 4292495872 Background



This preview shows how black text looks on a background with the Android color 4292495872.



This preview shows how white text looks on a background with the Android color 4292495872.

# 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



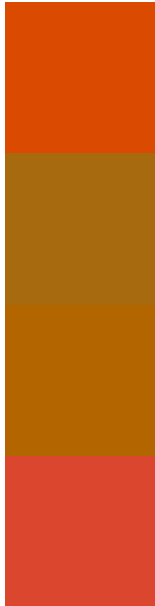
**Original Color**  
4292495872

**Protanopia**  
4287331351

**Deuteranopia**  
4288443648



# Trichromacy



**Original Color**  
4292495872

**Protanomaly**  
4289227279

**Deuteranomaly**  
4289946880

**Tritanomaly**  
4292560686

# Monochromacy



**Original Color**  
4292495872

**Achromatopsia**  
4285361517

**Achromatomaly**  
4287979589

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292495872 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(218, 74, 0)` looks like.

```
.text, #text, p{  
    color:rgb(218, 74, 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(218, 74, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 74, 0) }
```

## Border

The CSS property to change the border of an element to Android 4292495872 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(218, 74, 0) }
```

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

```
.border{ border-color:rgb(218, 74, 0) }
```

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

Here you see how a box with a 4 pixel rgb(218, 74, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 74, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 74, 0);  
box-shadow:4px 4px 4px 4px rgb(218, 74, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4292495872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 74, 0) }
```

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

```
.background{ background-color: rgb(218, 74,  
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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