

# Converting Colors

Android(4292712994)

Have a look what the booklet for  
Android(4292712994) contains.

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**Color**

**Android(4292712994)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DD9A22
RGB	221, 154, 34
RGB Percent	87%, 60%, 13%
CMY	0.1333, 0.3961, 0.8667
CMYK	0.00, 0.30, 0.85, 0.13
HSL	39°, 73%, 50%
HSV	39°, 85%, 87%
XYZ	41.6631, 38.5988, 6.7678
YIQ	160.3530, 78.4520, -23.1160

# Conversions

## Conversions Part 2

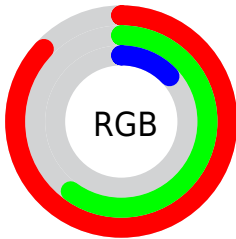
Format	Color
<a href="#">RYB</a>	<a href="#">138, 221, 34</a>
Decimal	<a href="#">14522914</a>
CIELab	<a href="#">68.46, 15.77, 66.40</a>
CIELCh	<a href="#">68, 68.242, 76.642</a>
Yxy	<a href="#">38.5988, 0.4787, 0.4435</a>
Android (android.graphics.Color)	<a href="#">4292712994</a> ( <a href="#">0xFFDD9A22</a> )
YUV	<a href="#">160.3530, -62.2920, 53.1874</a>
Hunter-Lab	<a href="#">62.1280, 10.9785, 37.0309</a>

# Details

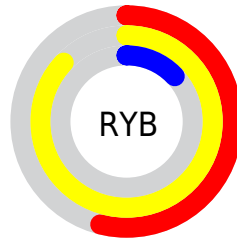
The Android color `4292712994` is a dark color, and the websafe version is hex `CC9900`. The color can be described as middle washed orange. A complement of this color would be `4280444381`, and the grayscale version is `4288782753`.

A 20% lighter version of the original color is `4294955099`, and `4288702208` is the 20% darker color. If you saturate the color by 10%, you get `4292710924`, and if you desaturate by 10%, it is `4292715064`.

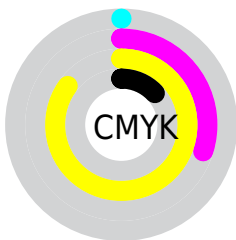
# Distribution



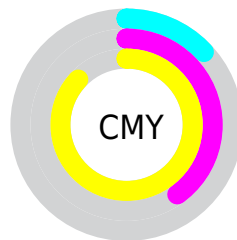
- Red (87%)
- Green (60%)
- Blue (13%)



- Red (54%)
- Yellow (87%)
- Blue (13%)



- Cyan (0%)
- Magenta (30%)
- Yellow (85%)
- Black (13%)



- Cyan (13%)
- Magenta (40%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292712994 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 4292712994 by changing the saturation by 10% instead.





4292712994



4292712994

4294967295



4290740224



4294955099



4288702208



4294962295



4286795520



4294967186



4284889088



4294967214



4283048704



4294967242



4281339392



4294967271



4279500800



4278190080



4292712994



4292712994

■ 4292710924

■ 4292715064

■ 4292709888

■ 4292717134

■ 4292719204

■ 4292721274

■ 4292723345

■ 4292725415

■ 4292727229

■ 4292729299

■ 4292731369

# Harmonies

## Analogous

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



4294934863



4292712994



4289113630

# Triad

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



4292712994



4278240456



4292184060

# Complementary

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



4292712994



4280444381

# 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.



4285506303



4292712994



4278239743

# Square

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



4292712994



4278239880



4278236927



4294930373

# Rectangle

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



4292712994



4286101563



4278236927



4290482431



# Sweetspot

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



4292712994



4294961343



4292682343



4286607961



4278190080



4286611584



# Same Dimension

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



4292712994



4294943744



4291091746



4285426275



4289556224



4281212160



# Inverse Universe

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



4280444381



4278213631



4282065629



4284704622



4278206125



4278194222



# Previews

## White Background



This preview shows how the Android color 4292712994 looks on a white background.

## Color Contrast Check

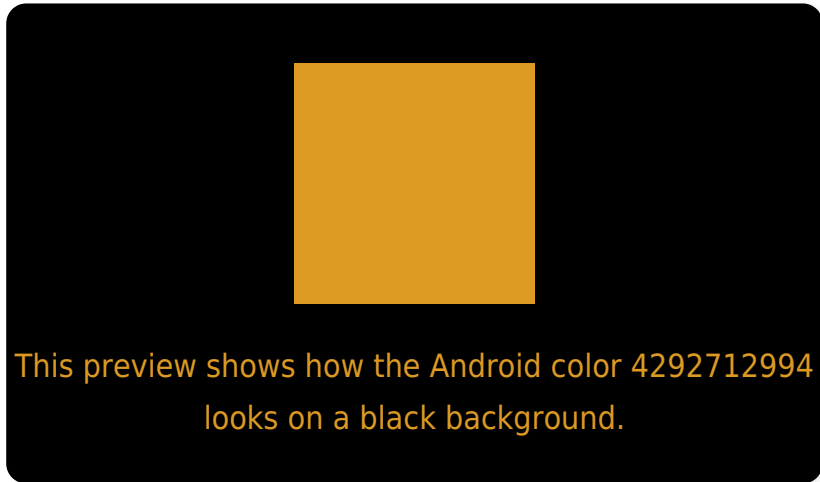
Large Text (above 18pt) WCAG AA × Fail

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 4292712994 Background



This preview shows how black text looks on a background with the Android color 4292712994.



This preview shows how white text looks on a background with the Android color 4292712994.

# 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**  
4292712994

**Protanopia**  
4290553894

**Deuteranopia**  
4292058911



**Tritanopia**  
4293169050

# Trichromacy



**Original Color**  
4292712994

**Protanomaly**  
4291339045

**Deuteranomaly**  
4292320544

**Tritanomaly**  
4292973422

# Monochromacy



**Original Color**  
4292712994

**Achromatopsia**  
4288716960

**Achromatomaly**  
4290158194

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292712994 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(221, 154, 34)` looks like.

```
.text, #text, p{  
    color:rgb(221, 154, 34)  
}
```

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(221, 154, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 154, 34) }
```

## Border

The CSS property to change the border of an element to Android 4292712994 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(221, 154, 34) }
```

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

```
.border{ border-color:rgb(221, 154, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 154, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 154, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 154, 34);  
box-shadow:4px 4px 4px 4px rgb(221, 154,  
34) }
```

# Background

The CSS property to change the background color of an element to Android 4292712994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 154, 34) }
```

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

```
.background{ background-color: rgb(221,  
154, 34) }
```

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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