

Converting Colors

Android(4291471436)

Have a look what the booklet for
Android(4291471436) contains.

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Color

Android(4291471436)

Conversions

Conversions Part 1

Format	Color
Hex	CAA84C
RGB	202, 168, 76
RGB Percent	79%, 66%, 30%
CMY	0.2078, 0.3412, 0.7020
CMYK	0.00, 0.17, 0.62, 0.21
HSL	44°, 54%, 55%
HSV	44°, 62%, 79%
XYZ	39.6643, 41.0836, 12.6769
YIQ	167.6780, 49.7960, -21.4040

Conversions

Conversions Part 2

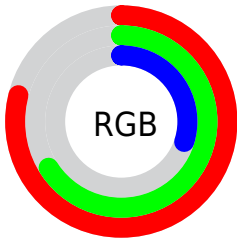
Format	Color
RYB	123, 202, 76
Decimal	13281356
CIELab	70.23, 1.94, 51.02
CIElCh	70, 51.058, 87.819
Yxy	41.0836, 0.4246, 0.4398
Android (android.graphics.Color)	4291471436 (0xFFCAA84C)
YUV	167.6780, -45.1973, 30.1004
Hunter-Lab	64.0965, -1.7094, 33.1413

Details

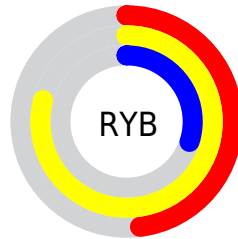
The Android color **4291471436** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4283199178**, and the grayscale version is **4289243304**.

A 20% lighter version of the original color is **4294958976**, and **4287722519** is the 20% darker color. If you saturate the color by 10%, you get **4291470136**, and if you desaturate by 10%, it is **4291472736**.

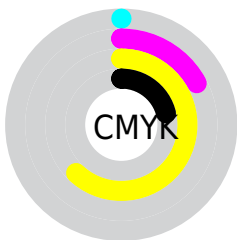
Distribution



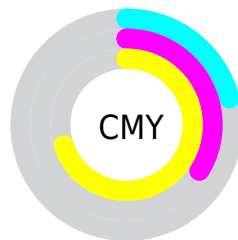
- Red (79%)
- Green (66%)
- Blue (30%)



- Red (48%)
- Yellow (79%)
- Blue (30%)



- Cyan (0%)
- Magenta (17%)
- Yellow (62%)
- Black (21%)



- Cyan (21%)
- Magenta (34%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291471436 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 4291471436 by changing the saturation by 10% instead.



4291471436



4291471436

4294967295



4289564210



4294958976



4287722519



4294966171



4285881344



4294967223



4284105984



4294967251



4282396416



4294967280



4280687104



4278583296



4278190080



4291471436



4291471436

■ 4291470136

■ 4291472736

■ 4291468580

■ 4291474292

■ 4291467279

■ 4291475593

■ 4291465984

■ 4291477149

■ 4291478449

■ 4291480005

■ 4291481305

■ 4291482862

■ 4291484159

Harmonies

Analogous

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



4293826398



4291471436



4288460374

Triad

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



4291471436



4278240214



4293038046

Complementary

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



4291471436



4283199178

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.



4289307134



4291471436



4278238713

Square

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



4291471436



4278240167



4283282175



4294935985

Rectangle

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



4291471436



4286037099



4283282175



4291991018

Sweetspot

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



4291471436



4294963919



4291447920



4286609506



4278190080



4286611584

Same Dimension

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



4291471436



4294953792



4289710668



4284900188



4289100032



4280687616

Inverse Universe

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



4283199178



4282414079



4284959946



4284243814



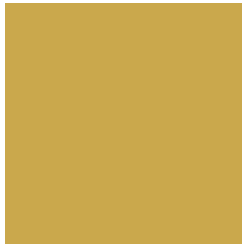
4278201766



4278192678

Previews

White Background



This preview shows how the Android color 4291471436 looks on a white background.

Color Contrast Check

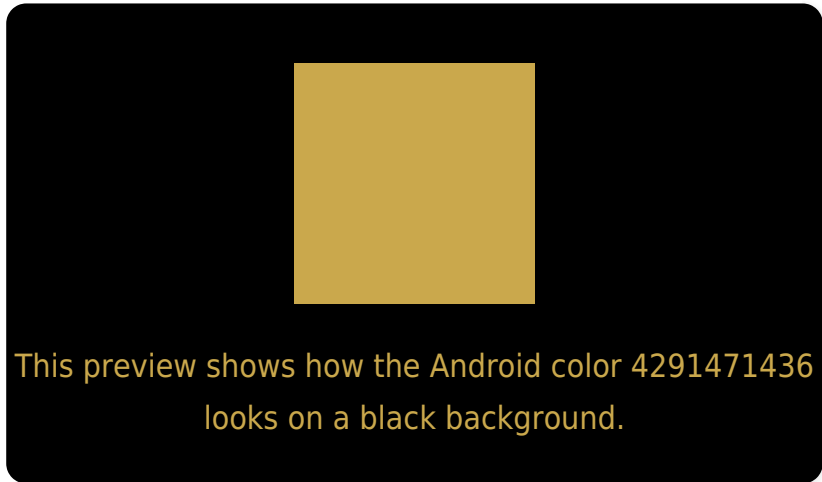
Large Text (above 18pt) WCAG AA × Fail

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 4291471436 Background



This preview shows how black text looks on a background with the Android color 4291471436.

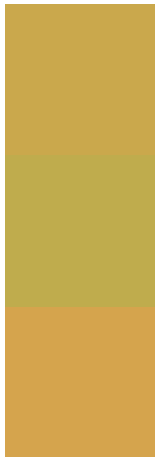


This preview shows how white text looks on a background with the Android color 4291471436.

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
4291471436

Protanopia
4290751565

Deuteranopia
4292191309



Tritanopia
4291993258

Trichromacy



Original Color
4291471436

Protanomaly
4291013453

Deuteranomaly
4291929421

Tritanomaly
4291797640

Monochromacy



Original Color
4291471436

Achromatopsia
4289243304

Achromatomaly
4290029703

CSS Examples

Text

The CSS property to change the color of the text to Android 4291471436 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(202, 168, 76)` looks like.

```
.text, #text, p{  
    color:rgb(202, 168, 76)  
}
```

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(202, 168, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 168, 76) }
```

Border

The CSS property to change the border of an element to Android 4291471436 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(202, 168, 76) }
```

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

```
.border{ border-color:rgb(202, 168, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 168, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 168, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 168, 76);  
box-shadow:4px 4px 4px 4px rgb(202, 168,  
76) }
```

Background

The CSS property to change the background color of an element to Android 4291471436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 168, 76) }
```

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

```
.background{ background-color: rgb(202,  
168, 76) }
```

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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