

Converting Colors

Android(4291472720)

Have a look what the booklet for
Android(4291472720) contains.

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Color

Android(4291472720)

Conversions

Conversions Part 1

Format	Color
Hex	CAAD50
RGB	202, 173, 80
RGB Percent	79%, 68%, 31%
CMY	0.2078, 0.3216, 0.6863
CMYK	0.00, 0.14, 0.60, 0.21
HSL	46°, 54%, 55%
HSV	46°, 60%, 79%
XYZ	40.7487, 43.0229, 13.7460
YIQ	171.0690, 47.1370, -22.7750

Conversions

Conversions Part 2

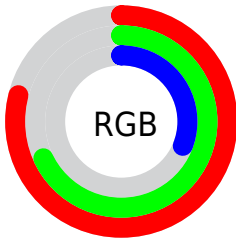
Format	Color
RYB	118, 202, 80
Decimal	13282640
CIELab	71.57, -0.44, 50.65
CIELCh	72, 50.655, 90.499
Yxy	43.0229, 0.4179, 0.4412
Android (android.graphics.Color)	4291472720 (0xFFCAAD50)
YUV	171.0690, -44.8970, 27.1265
Hunter-Lab	65.5918, -3.8933, 33.4890

Details

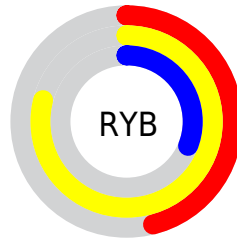
The Android color **4291472720** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4283461066**, and the grayscale version is **4289440683**.

A 20% lighter version of the original color is **4294960260**, and **4287723803** is the 20% darker color. If you saturate the color by 10%, you get **4291471420**, and if you desaturate by 10%, it is **4291474020**.

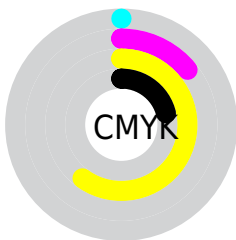
Distribution



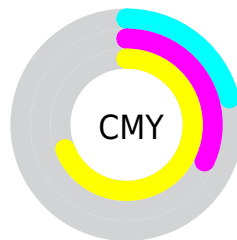
- Red (79%)
- Green (68%)
- Blue (31%)



- Red (46%)
- Yellow (79%)
- Blue (31%)



- Cyan (0%)
- Magenta (14%)
- Yellow (60%)
- Black (21%)



- Cyan (21%)
- Magenta (32%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291472720 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 4291472720 by changing the saturation by 10% instead.



4291472720



4291472720

4294967295



4289565494



4294960260



4287723803



4294967199



4285882368



4294967227



4284172544



4294967255



4282397440



4294967284



4280753664



4278715904



4278190080



4291472720



4291472720

■ 4291471420

■ 4291474020

■ 4291470120

■ 4291475320

■ 4291469075

■ 4291476365

■ 4291467776

■ 4291477665

■ 4291478965

■ 4291480265

■ 4291481565

■ 4291482610

■ 4291483903

Harmonies

Analogous

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



4293893215



4291472720



4288395869

Triad

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



4291472720



4278240989



4293497566

Complementary

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



4291472720



4283461066

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.



4289963007



4291472720



4278239487

Square

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



4291472720



4278241199



4284396799



4294937008

Rectangle

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



4291472720



4285972850



4284396799



4292515819

Sweetspot

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



4291472720



4294964433



4291448943



4286609763



4278190080



4286611584

Same Dimension

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



4291472720



4294955847



4289514064



4284900444



4289101312



4280687872

Inverse Universe

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



4283461066



4282872831



4285485258



4284243558



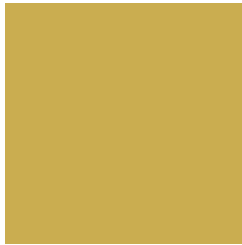
4278200230



4278192422

Previews

White Background



This preview shows how the Android color 4291472720 looks on a white background.

Color Contrast Check

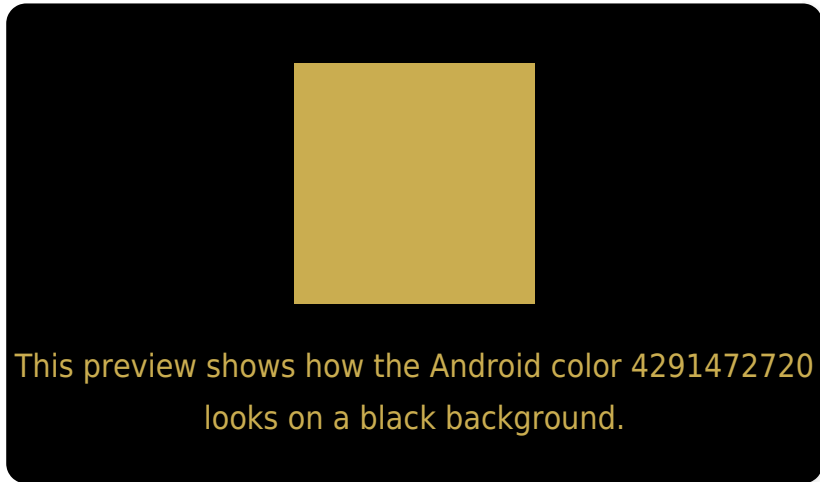
Large Text (above 18pt) WCAG AA × Fail

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 4291472720 Background



This preview shows how black text looks on a background with the Android color 4291472720.



This preview shows how white text looks on a background with the Android color 4291472720.

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


4291472720

Protanopia

4291014737

Deuteranopia

4292454226



Tritanopia
4291994543

Trichromacy



Original Color
4291472720

Protanomaly
4291211089

Deuteranomaly
4292127057

Tritanomaly
4291798924

Monochromacy



Original Color
4291472720

Achromatopsia
4289440683

Achromatomaly
4290161802

CSS Examples

Text

The CSS property to change the color of the text to Android 4291472720 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, 173, 80)` looks like.

```
.text, #text, p{  
    color:rgb(202, 173, 80)  
}
```

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, 173, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 173, 80) }
```

Border

The CSS property to change the border of an element to Android 4291472720 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, 173, 80) }
```

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

```
.border{ border-color:rgb(202, 173, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 173, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 173, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 173, 80);  
box-shadow:4px 4px 4px 4px rgb(202, 173,  
80) }
```

Background

The CSS property to change the background color of an element to Android 4291472720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 173, 80) }
```

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

```
.background{ background-color: rgb(202,  
173, 80) }
```

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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