

Converting Colors

Android(4291469312)

Have a look what the booklet for
Android(4291469312) contains.

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Color

Android(4291469312)

Conversions

Conversions Part 1

Format	Color
Hex	CAA000
RGB	202, 160, 0
RGB Percent	79%, 63%, 0%
CMY	0.2078, 0.3725, 1.0000
CMYK	0.00, 0.21, 1.00, 0.21
HSL	48°, 100%, 40%
HSV	48°, 100%, 79%
XYZ	36.9279, 37.6982, 5.3302
YIQ	154.3180, 76.3920, -40.8560

Conversions

Conversions Part 2

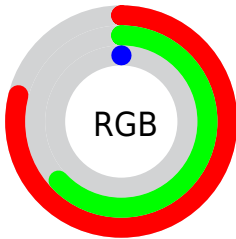
Format	Color
RYB	53, 202, 0
Decimal	13279232
CIELab	67.80, 3.65, 71.32
CIELCh	68, 71.409, 87.071
Yxy	37.6982, 0.4619, 0.4715
Android (android.graphics.Color)	4291469312 (0xFFCAA000)
YUV	154.3180, -76.0788, 41.8171
Hunter-Lab	61.3988, -0.0903, 37.8321

Details

The Android color **4291469312** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **4278201034**, and the grayscale version is **4288387995**.

A 20% lighter version of the original color is **4294956620**, and **4287589632** is the 20% darker color. If you saturate the color by 10%, you get **4291469312**, and if you desaturate by 10%, it is **4291470356**.

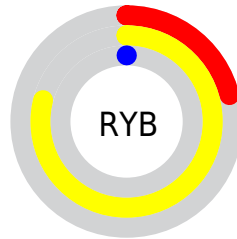
Distribution



Red (79%)

Green (63%)

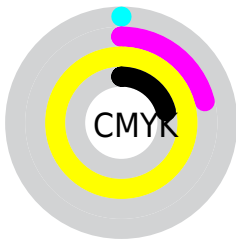
Blue (0%)



Red (21%)

Yellow (79%)

Blue (0%)

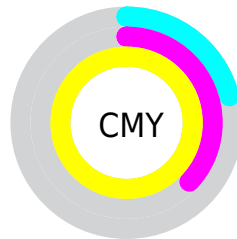


Cyan (0%)

Magenta (21%)

Yellow (100%)

Black (21%)



Cyan (21%)

Magenta (37%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291469312 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 4291469312 by changing the saturation by 10% instead.



4291469312



4291469312

4294967295



4289496576



4294956620



4287589632



4294964072



4285682944



4294967172



4283842048



4294967200



4282067200



4294967229



4280423680



4294967258



4278190080



4294967287



4291469312

 4291470356

 4291471400

 4291472701

 4291473745

 4291474789

 4291475833

 4291476877

 4291478178

 4291479222

Harmonies

Analogous

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



4294608438



4291469312



4287345440

Triad

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



4291469312



4278240222



4293753324

Complementary

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



4291469312



4278201034

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.



4288190463



4291469312



4278238719

Square

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



4291469312



4278240157



4278235135



4294927790

Rectangle

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



4291469312



4283677511



4278235135



4292248574

Sweetspot

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



4291469312



4294963123



4291428396



4286608978



4278190080



4286611584

Same Dimension

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



4291469312



4294953472



4287744512



4284900444



4289102592



4280688128

Inverse Universe

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



4278201034



4278203903



4281925834



4284243558



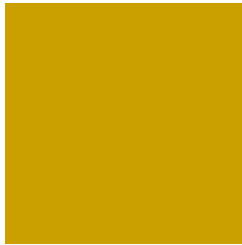
4278198950



4278192166

Previews

White Background



This preview shows how the Android color 4291469312 looks on a white background.

Color Contrast Check

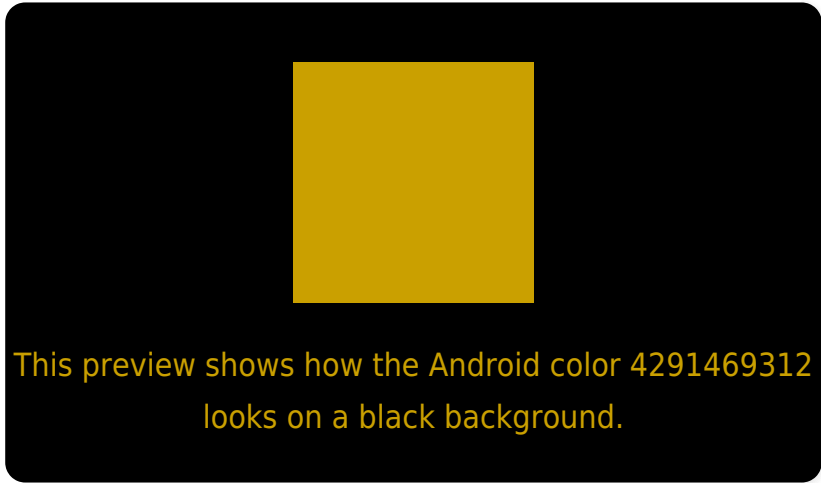
Large Text (above 18pt) WCAG AA × Fail

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 4291469312 Background



This preview shows how black text looks on a background with the Android color 4291469312.



This preview shows how white text looks on a background with the Android color 4291469312.

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
4291469312

Protanopia
4290487817

Deuteranopia
4291927309



Tritanopia
4291990944

Trichromacy



Original Color
4291469312

Protanomaly
4290814982

Deuteranomaly
4291730952

Tritanomaly
4291795302

Monochromacy



Original Color
4291469312

Achromatopsia
4288322202

Achromatomaly
4289436770

CSS Examples

Text

The CSS property to change the color of the text to Android 4291469312 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, 160, 0)` looks like.

```
.text, #text, p{  
    color:rgb(202, 160, 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(202, 160, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 160, 0) }
```

Border

The CSS property to change the border of an element to Android 4291469312 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, 160, 0) }
```

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

```
.border{ border-color:rgb(202, 160, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 160, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 160, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 160, 0);  
box-shadow:4px 4px 4px 4px rgb(202, 160,  
0) }
```

Background

The CSS property to change the background color of an element to Android 4291469312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 160, 0) }
```

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

```
.background{ background-color: rgb(202,  
160, 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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