

Converting Colors

Android(4291470338)

Have a look what the booklet for
Android(4291470338) contains.

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Color

Android(4291470338)

Conversions

Conversions Part 1

Format	Color
Hex	CAA402
RGB	202, 164, 2
RGB Percent	79%, 64%, 1%
CMY	0.2078, 0.3569, 0.9922
CMYK	0.00, 0.19, 0.99, 0.21
HSL	49°, 98%, 40%
HSV	49°, 99%, 79%
XYZ	37.6435, 39.1119, 5.6227
YIQ	156.8940, 74.6500, -42.3260

Conversions

Conversions Part 2

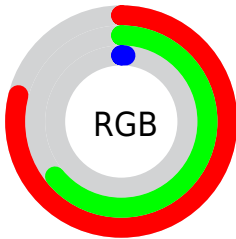
Format	Color
R_{YB}	49, 202, 2
Decimal	13280258
CIE _{Lab}	68.83, 1.53, 71.78
CIE _{LCh}	69, 71.801, 88.778
Yxy	39.1119, 0.4570, 0.4748
Android (android.graphics.Color)	4291470338 (0xFFCAA402)
YUV	156.8940, -76.3627, 39.5580
Hunter-Lab	62.5395, -2.0020, 38.4470

Details

The Android color **4291470338** 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 **4278331594**, and the grayscale version is **4288585374**.

A 20% lighter version of the original color is **4294957901**, and **4287590656** is the 20% darker color. If you saturate the color by 10%, you get **4291470336**, and if you desaturate by 10%, it is **4291471382**.

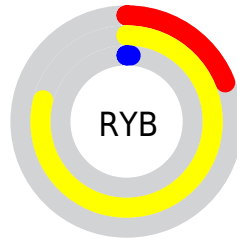
Distribution



Red (79%)

Green (64%)

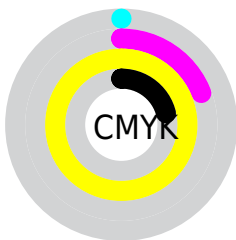
Blue (1%)



Red (19%)

Yellow (79%)

Blue (1%)

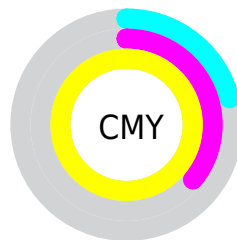


Cyan (0%)

Magenta (19%)

Yellow (99%)

Black (21%)



Cyan (21%)

Magenta (36%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291470338 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 4291470338 by changing the saturation by 10% instead.



4291470338



4291470338

4294967295



4289497600



4294957901



4287590656



4294965098



4285683968



4294967174



4283843072



4294967202



4282067968



4294967230



4280489984



4294967259



4278190080



4294967289



4291470338



4291470338

■ 4291470336

■ 4291471382

■ 4291472426

■ 4291473471

■ 4291474259

■ 4291475303

■ 4291476347

■ 4291477391

■ 4291478436

■ 4291479480

Harmonies

Analogous

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



4294674997



4291470338



4287280677

Triad

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



4291470338



4278240997



4294146796

Complementary

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



4291470338



4278331594

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.



4288780543



4291470338



4278239231

Square

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



4291470338



4278240931



4278235391



4294928301

Rectangle

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



4291470338



4283416140



4278235391



4292773118

Sweetspot

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



4291470338



4294963379



4291428906



4286609234



4278190080



4286611584

Same Dimension

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



4291470338



4294954752



4287547906



4284900444



4289103360



4280688384

Inverse Universe

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



4278331594



4278202623



4282254026



4284243558



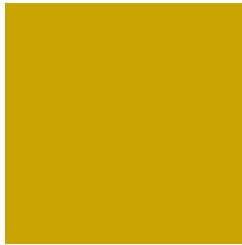
4278198182



4278191910

Previews

White Background



This preview shows how the Android color 4291470338 looks on a white background.

Color Contrast Check

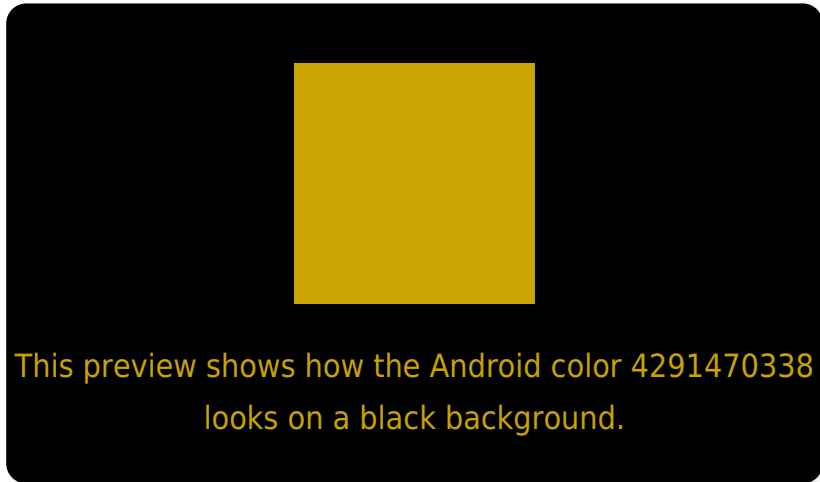
Large Text (above 18pt) WCAG AA × Fail

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 4291470338 Background



This preview shows how black text looks on a background with the Android color 4291470338.



This preview shows how white text looks on a background with the Android color 4291470338.

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
4291470338

Protanopia
4290685193

Deuteranopia
4292189967



Tritanopia
4292057252

Trichromacy



Original Color

4291470338

Protanomaly

4290946822

Deuteranomaly

4291928330

Tritanomaly

4291861609

Monochromacy



Original Color

4291470338

Achromatopsia

4288519581

Achromatomaly

4289568869

CSS Examples

Text

The CSS property to change the color of the text to Android 4291470338 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, 164, 2)` looks like.

```
.text, #text, p{  
    color:rgb(202, 164, 2)  
}
```

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, 164, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 164, 2) }
```

Border

The CSS property to change the border of an element to Android 4291470338 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, 164, 2) }
```

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

```
.border{ border-color:rgb(202, 164, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 164, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 164, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 164, 2);  
box-shadow:4px 4px 4px 4px rgb(202, 164,  
2) }
```

Background

The CSS property to change the background color of an element to Android 4291470338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 164, 2) }
```

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

```
.background{ background-color: rgb(202,  
164, 2) }
```

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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