

Converting Colors

Android(4291273249)

Have a look what the booklet for
Android(4291273249) contains.

Android(4291273249)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4291273249)

Conversions

Conversions Part 1

Format	Color
Hex	C7A221
RGB	199, 162, 33
RGB Percent	78%, 64%, 13%
CMY	0.2196, 0.3647, 0.8706
CMYK	0.00, 0.19, 0.83, 0.22
HSL	47°, 72%, 45%
HSV	47°, 83%, 78%
XYZ	36.7480, 38.0926, 6.8546
YIQ	158.3570, 63.4610, -32.2750

Conversions

Conversions Part 2

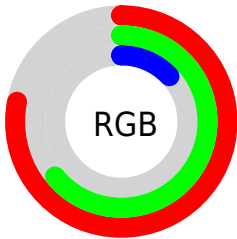
Format	Color
RYB	81, 199, 33
Decimal	13083169
CIELab	68.09, 1.80, 65.42
CIElCh	68, 65.444, 88.424
Yxy	38.0926, 0.4498, 0.4663
Android (android.graphics.Color)	4291273249 (0xFFC7A221)
YUV	158.3570, -61.8010, 35.6439
Hunter-Lab	61.7192, -1.7284, 36.6186

Details

The Android color **4291273249** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle muted orange. A complement of this color would be **4280370887**, and the grayscale version is **4288651167**.

A 20% lighter version of the original color is **4294957147**, and **4287393536** is the 20% darker color. If you saturate the color by 10%, you get **4291272205**, and if you desaturate by 10%, it is **4291274293**.

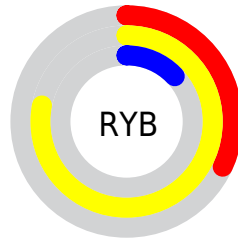
Distribution



Red (78%)

Green (64%)

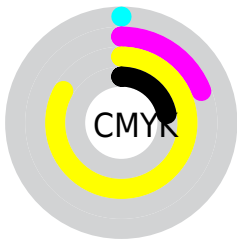
Blue (13%)



Red (32%)

Yellow (78%)

Blue (13%)

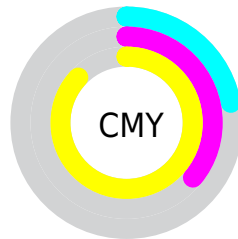


Cyan (0%)

Magenta (19%)

Yellow (83%)

Black (22%)



Cyan (22%)

Magenta (36%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291273249 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 4291273249 by changing the saturation by 10% instead.



4291273249



4291273249

4294967295



4289300480



4294957147



4287393536



4294964598



4285617920



4294967186



4283711488



4294967214



4282001920



4294967242



4280358400



4294967271



4278190080



4291273249



4291273249



4291272205



4291274293

■ 4291271424

■ 4291275593

■ 4291276637

■ 4291277937

■ 4291278981

■ 4291280280

■ 4291281324

■ 4291282368

■ 4291283668

Harmonies

Analogous

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



4294216512



4291273249



4287476532

Triad

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



4291273249



4278239965



4293557989

Complementary

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



4291273249



4280370887

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.



4288715007



4291273249



4278238207

Square

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



4291273249



4278239905



4278234879



4294930092

Rectangle

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



4291273249



4284136019



4278234879



4292314869

Sweetspot

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



4291273249



4294963647



4291240264



4286609241



4278190080



4286611584

Same Dimension

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



4291273249



4294952448



4288399137



4284703066



4288904960



4280556544

Inverse Universe

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



4280370887



4278204927



4283244999



4284111971



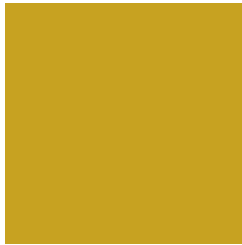
4278199459



4278192164

Previews

White Background



This preview shows how the Android color 4291273249 looks on a white background.

Color Contrast Check

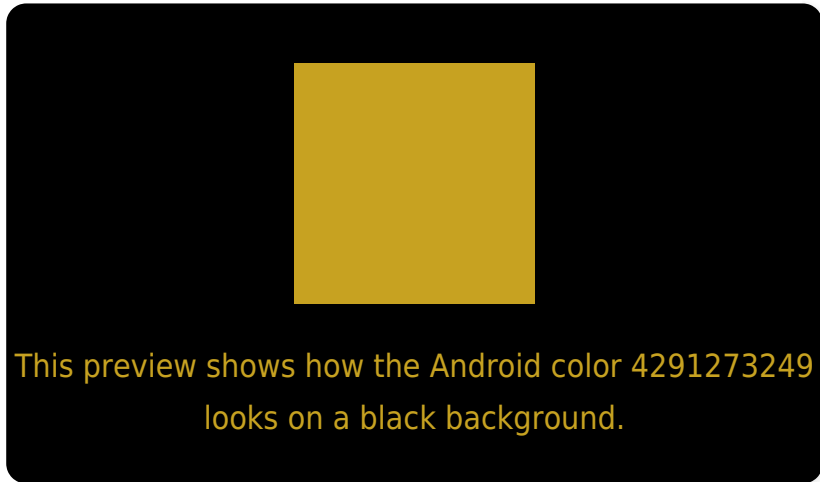
Large Text (above 18pt) WCAG AA × Fail

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 4291273249 Background



This preview shows how black text looks on a background with the Android color 4291273249.



This preview shows how white text looks on a background with the Android color 4291273249.

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
4291273249

Protanopia
4290488098

Deuteranopia
4291927588



Tritanopia
4291794850

Trichromacy



Original Color
4291273249

Protanomaly
4290749730

Deuteranomaly
4291665699

Tritanomaly
4291599219

Monochromacy



Original Color
4291273249

Achromatopsia
4288585374

Achromatomaly
4289568625

CSS Examples

Text

The CSS property to change the color of the text to Android 4291273249 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(199, 162, 33)` looks like.

```
.text, #text, p{  
    color:rgb(199, 162, 33)  
}
```

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(199, 162, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 162, 33) }
```

Border

The CSS property to change the border of an element to Android 4291273249 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(199, 162, 33) }
```

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

```
.border{ border-color:rgb(199, 162, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 162, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 162, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 162, 33);  
box-shadow:4px 4px 4px 4px rgb(199, 162,  
33) }
```

Background

The CSS property to change the background color of an element to Android 4291273249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 162, 33) }
```

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

```
.background{ background-color: rgb(199,  
162, 33) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor