

Converting Colors

Android(4291603069)

Have a look what the booklet for
Android(4291603069) contains.

Android(4291603069)	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(4291603069)

Conversions

Conversions Part 1

Format	Color
Hex	CCAA7D
RGB	204, 170, 125
RGB Percent	80%, 67%, 49%
CMY	0.2000, 0.3333, 0.5098
CMYK	0.00, 0.17, 0.39, 0.20
HSL	34°, 44%, 65%
HSV	34°, 39%, 80%
XYZ	42.9782, 43.0675, 25.4497
YIQ	175.0360, 34.7090, -6.7870

Conversions

Conversions Part 2

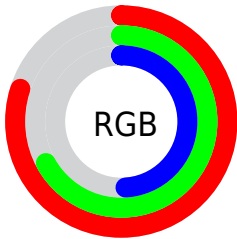
Format	Color
R _{YB}	185, 204, 125
Decimal	13412989
CIE Lab	71.60, 6.18, 27.84
CIE LCh	72, 28.516, 77.478
Yxy	43.0675, 0.3855, 0.3863
Android (android.graphics.Color)	4291603069 (0xFFCCAA7D)
YUV	175.0360, -24.6677, 25.4014
Hunter-Lab	65.6258, 2.0541, 22.9454

Details

The Android color **4291603069** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **4286422988**, and the grayscale version is **4289703855**.

A 20% lighter version of the original color is **4294959538**, and **4287919691** is the 20% darker color. If you saturate the color by 10%, you get **4291600745**, and if you desaturate by 10%, it is **4291605393**.

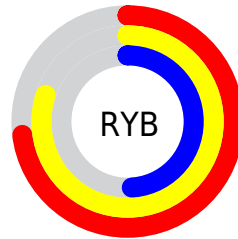
Distribution



Red (80%)

Green (67%)

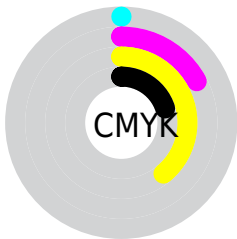
Blue (49%)



Red (73%)

Yellow (80%)

Blue (49%)

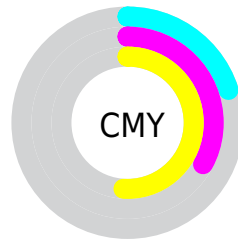


Cyan (0%)

Magenta (17%)

Yellow (39%)

Black (20%)



Cyan (20%)

Magenta (33%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291603069 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 4291603069 by changing the saturation by 10% instead.



4291603069



4291603069

4294967295



4289761380



4294959538



4287919691



4294966990



4286209332



4294967274



4284433950



4282789895



4281211648



4279566592




4278190080



4291603069



4291603069

 4291600745

 4291605393

 4291598420


 4291607718

 4291596352

 4291609786

 4291594027

 4291612111

 4291591703

 4291614435


 4291589379

 4291616759

 4291589120

 4291618815

 4291621119

 4291623423

Harmonies

Analogous

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



4292780682



4291603069



4289901437

Triad

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



4291603069



4284661438



4291208403

Complementary

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



4291603069



4286422988

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.



4288982497



4291603069



4284726229

Square

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



4291603069



4286037411



4286559714



4292648379

Rectangle

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



4291603069



4288657286



4286559714



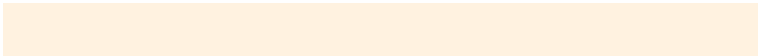
4290553561

Sweetspot

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



4291603069



4294963936



4291591583



4286609518



4278190080



4286611584

Same Dimension

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



4291603069



4294954378



4291284093



4284899932



4289093120



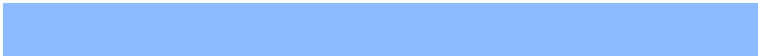
4280686080

Inverse Universe

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



4286422988



4287282431



4286741964



4284244070



4278208422



4278194214

Previews

White Background



This preview shows how the Android color 4291603069 looks on a white background.

Color Contrast Check

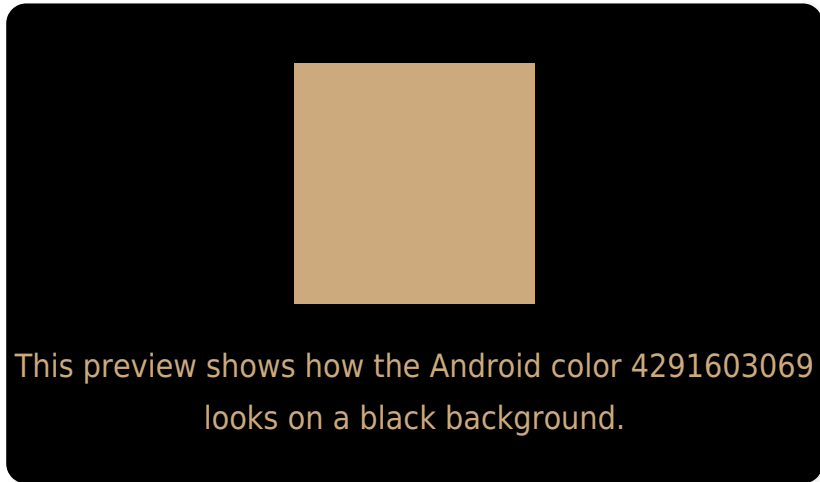
Large Text (above 18pt) WCAG AA × Fail

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

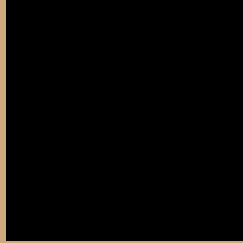
Any Text WCAG AA ✓ Pass

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 4291603069 Background



This preview shows how black text looks on a background with the Android color 4291603069.



This preview shows how white text looks on a background with the Android color 4291603069.

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
4291603069

Protanopia
4290621311

Deuteranopia
4291930237



Tritanopia
4291929008

Trichromacy



Original Color
4291603069

Protanomaly
4290948478

Deuteranomaly
4291799421

Tritanomaly
4291798685

Monochromacy



Original Color
4291603069

Achromatopsia
4289703855

Achromatomaly
4290424221

CSS Examples

Text

The CSS property to change the color of the text to Android 4291603069 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(204, 170, 125)` looks like.

```
.text, #text, p{  
    color:rgb(204, 170, 125)  
}
```

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(204, 170, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 170, 125) }
```

Border

The CSS property to change the border of an element to Android 4291603069 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(204, 170, 125) }
```

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

```
.border{ border-color:rgb(204, 170, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 170, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 170, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 170, 125);  
box-shadow:4px 4px 4px 4px rgb(204, 170,  
125) }
```

Background

The CSS property to change the background color of an element to Android 4291603069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 170, 125) }
```

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

```
.background{ background-color: rgb(204,  
170, 125) }
```

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