

# Converting Colors

Android(4291018382)

Have a look what the booklet for  
Android(4291018382) contains.

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# **Color**

**Android(4291018382)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3BE8E
RGB	195, 190, 142
RGB Percent	76%, 75%, 56%
CMY	0.2353, 0.2549, 0.4431
CMYK	0.00, 0.03, 0.27, 0.24
HSL	54°, 31%, 66%
HSV	54°, 27%, 76%
XYZ	45.8016, 50.3820, 32.9019
YIQ	186.0230, 18.3880, -13.8680

# Conversions

## Conversions Part 2

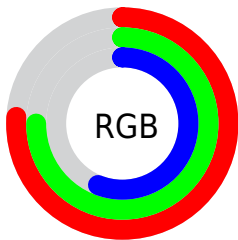
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 195, 142
Decimal	12828302
CIELab	76.30, -5.86, 24.93
CIELCh	76, 25.613, 103.226
Yxy	50.3820, 0.3548, 0.3903
Android (android.graphics.Color)	4291018382 (0xFFC3BE8E)
YUV	186.0230, -21.7033, 7.8728
Hunter-Lab	70.9803, -9.0344, 22.2032

# Details

The Android color `4291018382` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `4287534019`, and the grayscale version is `4290427578`.

A 20% lighter version of the original color is `4294768324`, and `4287465819` is the 20% darker color. If you saturate the color by 10%, you get `4291017851`, and if you desaturate by 10%, it is `4291018914`.

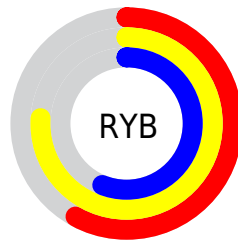
# Distribution



Red (76%)

Green (75%)

Blue (56%)



Red (58%)

Yellow (76%)

Blue (56%)

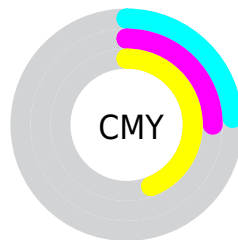


Cyan (0%)

Magenta (3%)

Yellow (27%)

Black (24%)



Cyan (24%)

Magenta (25%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291018382 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 4291018382 by changing the saturation by 10% instead.





4291018382



4291018382

4294967295



4289176436



4294768324



4287465819



4294967264



4285755203

4294967293



4284110637



4282466327



4281018880



4279375360



4278190080



4291018382



4291018382

■ 4291017851

■ 4291018914

■ 4291017319

■ 4291019445

■ 4291016788

■ 4291019977

■ 4291016512

■ 4291020252

■ 4291015981

■ 4291020784

■ 4291015449

■ 4291021311

■ 4291014918

■ 4291021823

■ 4291014912

■ 4291022335

■ 4291022847

# Harmonies

## Analogous

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



4292523663



4291018382



4289250713

# Triad

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



4291018382



4286236892



4293111242

# Complementary

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



4291018382



4287534019

# 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.



4291671007



4291018382



4287546089

# Square

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



4291018382



4286302918



4289641450



4293766066

# Rectangle

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



4291018382



4288071846



4289641450



4292718290



# Sweetspot

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



4291018382



4294769640



4291006099



4286611059



4278190080



4286611584



# Same Dimension

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



4291018382



4294768041



4289643406



4284571735



4288778496



4280360448



# Inverse Universe

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



4287534019



4289311228



4288908995



4283914337



4278194081



4278190881



# Previews

## White Background



This preview shows how the Android color 4291018382 looks on a white background.

## Color Contrast Check

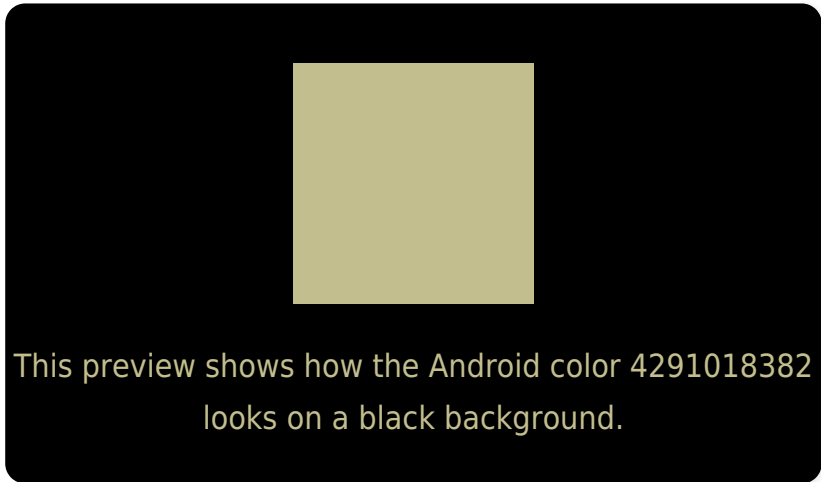
Large Text (above 18pt) WCAG AA × Fail

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

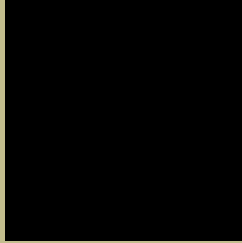
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

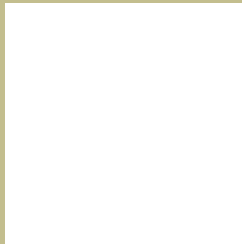
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4291018382 Background



This preview shows how black text looks on a background with the Android color 4291018382.



This preview shows how white text looks on a background with the Android color 4291018382.

# 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**  
4291018382

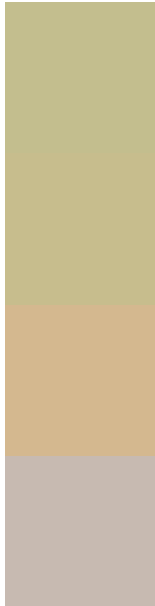
**Protanopia**  
4291476621

**Deuteranopia**  
4292719760



**Tritanopia**  
4291475397

# Trichromacy



**Original Color**  
4291018382

**Protanomaly**  
4291280269

**Deuteranomaly**  
4292130959

**Tritanomaly**  
4291279537

# Monochromacy



**Original Color**  
4291018382

**Achromatopsia**  
4290427578

**Achromatomaly**  
4290624426

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291018382 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(195, 190, 142)` looks like.

```
.text, #text, p{  
    color:rgb(195, 190, 142)  
}
```

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(195, 190, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 190, 142) }
```

## Border

The CSS property to change the border of an element to Android 4291018382 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(195, 190, 142) }
```

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

```
.border{ border-color:rgb(195, 190, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 190, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 190, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 190, 142);  
box-shadow:4px 4px 4px 4px rgb(195, 190,  
142) }
```

# Background

The CSS property to change the background color of an element to Android 4291018382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 190, 142) }
```

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

```
.background{ background-color: rgb(195,  
190, 142) }
```

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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