

# Converting Colors

Android(4290433970)

Have a look what the booklet for  
Android(4290433970) contains.

<b>Android(4290433970)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4290433970)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">BAD3B2</a>
RGB	<a href="#">186, 211, 178</a>
RGB Percent	<a href="#">73%, 83%, 70%</a>
CMY	<a href="#">0.2706, 0.1725, 0.3020</a>
CMYK	<a href="#">0.12, 0.00, 0.16, 0.17</a>
HSL	<a href="#">105°, 27%, 76%</a>
HSV	<a href="#">105°, 16%, 83%</a>
XYZ	<a href="#">51.5798, 60.2420, 51.0288</a>
YIQ	<a href="#">199.7630, -4.3070, -15.5630</a>

# Conversions

## Conversions Part 2

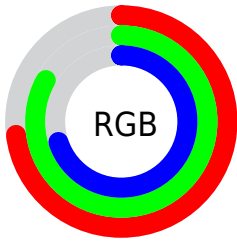
<b>Format</b>	<b>Color</b>
<b>RYB</b>	178, 211, 203
Decimal	12243890
CIELab	81.97, -14.45, 13.56
CIELCh	82, 19.816, 136.813
Yxy	60.2420, 0.3167, 0.3699
Android (android.graphics.Color)	4290433970 (0xFFBAD3B2)
YUV	199.7630, -10.7292, -12.0702
Hunter-Lab	77.6157, -17.2046, 15.3505

# Details

The Android color `4290433970` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `4291539667`, and the grayscale version is `4291348680`.

A 20% lighter version of the original color is `4294115306`, and `4286946429` is the 20% darker color. If you saturate the color by 10%, you get `4289385373`, and if you desaturate by 10%, it is `4291482567`.

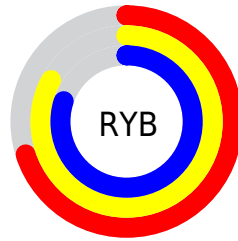
# Distribution



Red (73%)

Green (83%)

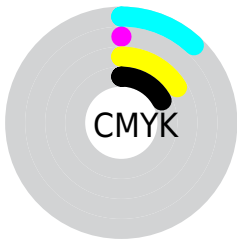
Blue (70%)



Red (70%)

Yellow (83%)

Blue (80%)

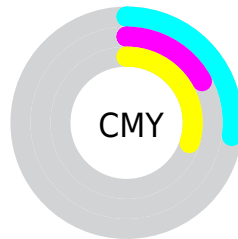


Cyan (12%)

Magenta (0%)

Yellow (16%)

Black (17%)



Cyan (27%)

Magenta (17%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290433970 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 4290433970 by changing the saturation by 10% instead.



 4290433970

 4290433970

4294967295

 4288657303

 4294115306

 4286946429

 4285235812

 4283656524

 4282077493

 4280629792

 4279313417

 4278193408

 4278190080

 4290433970

 4290433970

 4289385373

 4291482567

 4288336776

 4292531164

 4287288179

 4293579761

 4286239582

 4294628351


 4285190985

 4294956031

 4284142387

 4283093790

 4282045193

 4281586432

# Harmonies

## Analogous

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



4291808936



4290433970



4289189571

# Triad

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



4290433970



4289581295



4294164418

# Complementary

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



4290433970



4291539667

# 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.



4293705941



4290433970



4291152623

# Square

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



4290433970



4288533734



4292658405



4293903025

# Rectangle

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



4290433970



4288600016



4292658405



4294098888

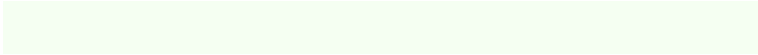


# Sweetspot

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



4290433970



4294311922



4292070322



4286218360



4278190080



4286611584

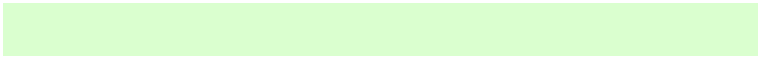


# Same Dimension

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



4290433970



4292542415



4289909690



4284574046



4280920064



4278855936



# Inverse Universe

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



4291539667



4294168575



4292063947



4284898921



4286578856

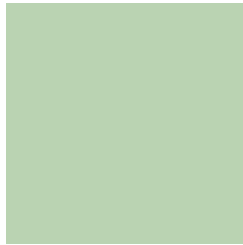


4280221737



# Previews

## White Background



This preview shows how the Android color 4290433970 looks on a white background.

## Color Contrast Check

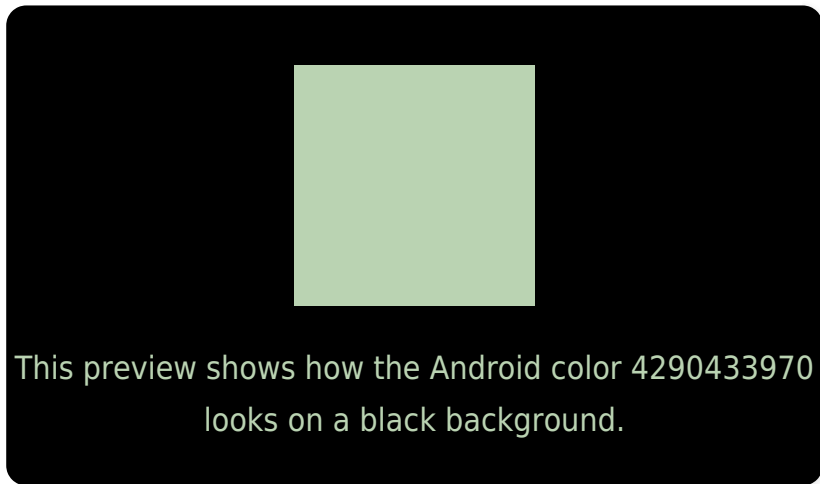
Large Text (above 18pt) WCAG AA × Fail

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

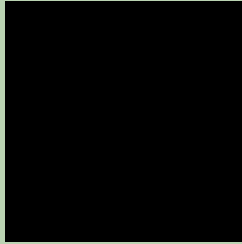
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

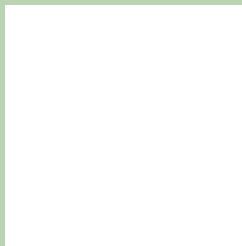
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4290433970 Background



This preview shows how black text looks on a background with the Android color 4290433970.



This preview shows how white text looks on a background with the Android color 4290433970.

# Color Blindness Simulation

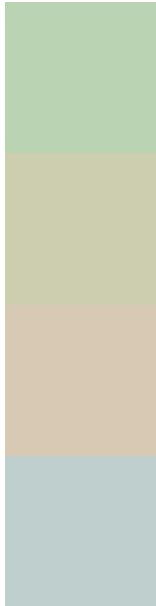
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



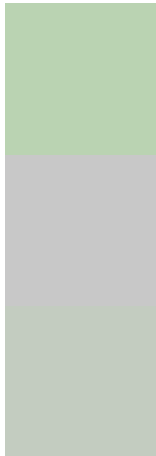
**Original Color**  
4290433970

**Protanomaly**  
4291612335

**Deuteranomaly**  
4292331956

**Tritanomaly**  
4290695117

# Monochromacy



**Original Color**  
4290433970

**Achromatopsia**  
4291348680

**Achromatomaly**  
4291022016

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290433970 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(186, 211, 178)` looks like.

```
.text, #text, p{  
    color:rgb(186, 211, 178)  
}
```

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(186, 211, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 211, 178) }
```

## Border

The CSS property to change the border of an element to Android 4290433970 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(186, 211, 178) }
```

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

```
.border{ border-color:rgb(186, 211, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 211, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 211, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 211, 178);  
box-shadow:4px 4px 4px 4px rgb(186, 211,  
178) }
```

# Background

The CSS property to change the background color of an element to Android 4290433970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 211, 178) }
```

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

```
.background{ background-color: rgb(186,  
211, 178) }
```

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