

# Converting Colors

Android(4290233211)

Have a look what the booklet for  
Android(4290233211) contains.

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# **Color**

**Android(4290233211)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7C37B
RGB	183, 195, 123
RGB Percent	72%, 76%, 48%
CMY	0.2824, 0.2353, 0.5176
CMYK	0.06, 0.00, 0.37, 0.24
HSL	70°, 37%, 62%
HSV	70°, 37%, 76%
XYZ	42.6187, 50.5276, 26.2454
YIQ	183.2040, 15.9600, -24.9360

# Conversions

## Conversions Part 2

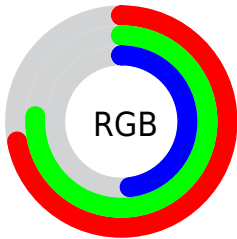
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">123, 195, 135</a>
Decimal	<a href="#">12043131</a>
CIELab	<a href="#">76.39, -15.54, 34.83</a>
CIELCh	<a href="#">76, 38.138, 114.049</a>
Yxy	<a href="#">50.5276, 0.3570, 0.4232</a>
Android (android.graphics.Color)	<a href="#">4290233211 (0xFFB7C37B)</a>
YUV	<a href="#">183.2040, -29.6806, -0.1789</a>
Hunter-Lab	<a href="#">71.0827, -17.3725, 27.8666</a>

# Details

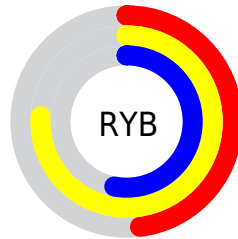
The Android color `4290233211` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `4287069123`, and the grayscale version is `4290230199`.

A 20% lighter version of the original color is `4293983408`, and `4286680393` is the 20% darker color. If you saturate the color by 10%, you get `4290036584`, and if you desaturate by 10%, it is `4290429839`.

# Distribution



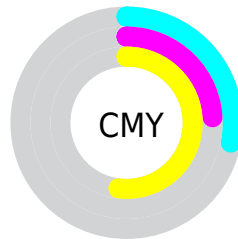
- Red (72%)
- Green (76%)
- Blue (48%)



- Red (48%)
- Yellow (76%)
- Blue (53%)



- Cyan (6%)
- Magenta (0%)
- Yellow (37%)
- Black (24%)



- Cyan (28%)
- Magenta (24%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290233211 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 4290233211 by changing the saturation by 10% instead.





4290233211



4290233211

4294967295



4288456802



4293983408



4286680393



4294967244



4284970033



4294967272



4283325209



4281746432



4280233216



4278196736



4278190080



4290233211



4290233211

■ 4290036584

■ 4290429839

■ 4289839956

■ 4290692002

■ 4289577793

■ 4290888630

■ 4289381165

■ 4291085257

■ 4289184537

■ 4291281884

■ 4288987910

■ 4291478512

■ 4288922368

■ 4291740671

■ 4291937279

■ 4292133887

# Harmonies

## Analogous

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



4292589686



4290233211



4287548306

# Triad

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



4290233211



4282960884



4294746821

# Complementary

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



4290233211



4287069123

# 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.



4293044966



4290233211



4286563071

# Square

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



4290233211



4282109912



4290230013



4294943649

# Rectangle

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



4290233211



4285648552



4290230013



4294354129

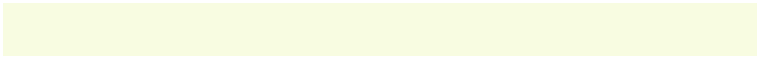


# Sweetspot

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



4290233211



4294507745



4291004283



4286414959



4278190080



4286611584



# Same Dimension

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



4290233211



4293590157



4287939451



4284440919



4287013120



4280033536



# Inverse Universe

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



4287069123



4288712188



4289428419



4284045153



4279959713



4278583329



# Previews

## White Background



This preview shows how the Android color 4290233211 looks on a white background.

## Color Contrast Check

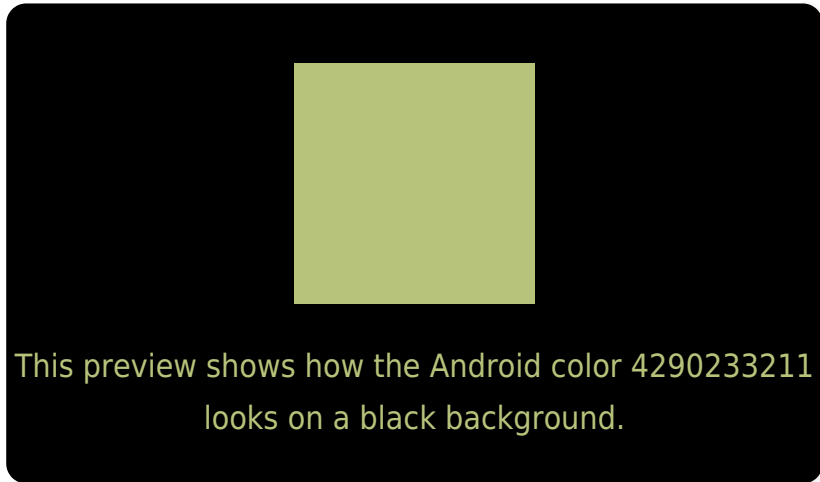
Large Text (above 18pt) WCAG AA × Fail

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 4290233211 Background



This preview shows how black text looks on a background with the Android color 4290233211.



This preview shows how white text looks on a background with the Android color 4290233211.

# 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**  
4290233211

**Protanomaly**  
4291149689

**Deuteranomaly**  
4292000125

**Tritanomaly**  
4290624940

# Monochromacy



**Original Color**  
4290233211

**Achromatopsia**  
4290230199

**Achromatomaly**  
4290231201

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290233211 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(183, 195, 123)` looks like.

```
.text, #text, p{  
    color:rgb(183, 195, 123)  
}
```

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(183, 195, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 195, 123) }
```

## Border

The CSS property to change the border of an element to Android 4290233211 is called "border". The border property can be set on classes, ids or directly on the HTML element.

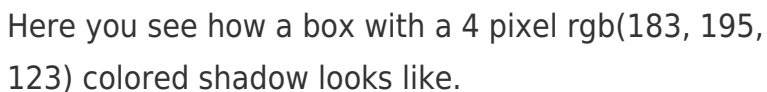
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 195, 123) }
```

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

```
.border{ border-color:rgb(183, 195, 123) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 195, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 195, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 195, 123); box-shadow:4px 4px 4px 4px rgb(183, 195, 123) }
```

# Background

The CSS property to change the background color of an element to Android 4290233211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 195, 123) }
```

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

```
.background{ background-color: rgb(183,  
195, 123) }
```

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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