

# Converting Colors

Android(4290290022)

Have a look what the booklet for  
Android(4290290022) contains.

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# **Color**

**Android(4290290022)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8A166
RGB	184, 161, 102
RGB Percent	72%, 63%, 40%
CMY	0.2784, 0.3686, 0.6000
CMYK	0.00, 0.13, 0.45, 0.28
HSL	43°, 37%, 56%
HSV	43°, 45%, 72%
XYZ	34.9103, 36.6394, 17.8025
YIQ	161.1510, 32.6470, -13.4730

# Conversions

## Conversions Part 2

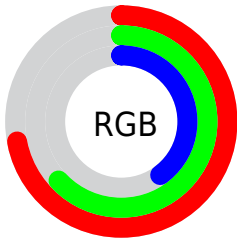
Format	Color
<a href="#">RYB</a>	<a href="#">134, 184, 102</a>
Decimal	<a href="#">12099942</a>
CIELab	<a href="#">67.01, 0.29, 33.75</a>
CIELCh	<a href="#">67, 33.751, 89.502</a>
Yxy	<a href="#">36.6394, 0.3907, 0.4101</a>
Android (android.graphics.Color)	<a href="#">4290290022</a> ( <a href="#">0xFFB8A166</a> )
YUV	<a href="#">161.1510, -29.1614, 20.0386</a>
Hunter-Lab	<a href="#">60.5305, -2.9804, 24.9337</a>

# Details

The Android color **4290290022** is a light color, and the websafe version is hex **999966**. A complement of this color would be **4284906936**, and the grayscale version is **4288782753**.

A 20% lighter version of the original color is **4294039706**, and **4286672437** is the 20% darker color. If you saturate the color by 10%, you get **4290288724**, and if you desaturate by 10%, it is **4290291320**.

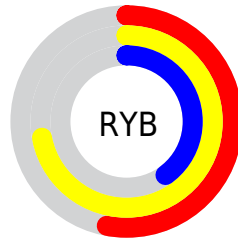
# Distribution



Red (72%)

Green (63%)

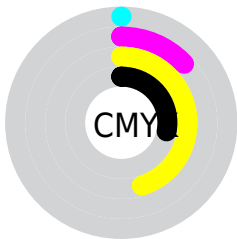
Blue (40%)



Red (53%)

Yellow (72%)

Blue (40%)

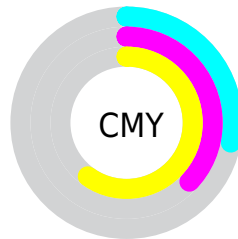


Cyan (0%)

Magenta (13%)

Yellow (45%)

Black (28%)



Cyan (28%)

Magenta (37%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290290022 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 4290290022 by changing the saturation by 10% instead.





4290290022



4290290022

4294967295



4288448333



4294039706



4286672437



4294964405



4284962078



4294967249



4283252230



4294967277



4281673984



4280096000



4278190080



4290290022



4290290022



4290288724



4290291320

 4290287425

 4290292619

 4290286127

 4290293917

 4290284572

 4290295472

 4290283274

 4290296770

 4290282496

 4290298068

 4290299367

 4290300665

 4290301951

# Harmonies

## Analogous

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



4291925872



4290290022



4288195181

# Triad

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



4290290022



4281578432



4291400130

# Complementary

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



4290290022



4284906936

# 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.



4289108952



4290290022



4282953431

# Square

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



4290290022



4283413409



4286097119



4292644005

# Rectangle

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



4290290022



4286689147



4286097119



4290745547

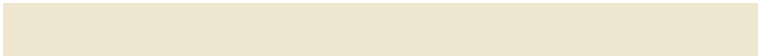


# Sweetspot

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



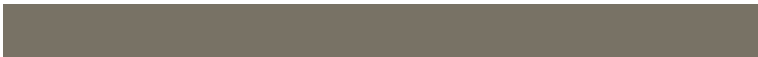
4290290022



4293978065



4290274941



4286083685



4294440951



4286085240



# Same Dimension

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



4290290022



4293971057



4289116262



4284242259



4288442368



4280030208



# Inverse Universe

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



4284906936



4285633776



4286080696



4283651420



4278201500



4278192156



# Previews

## White Background



This preview shows how the Android color 4290290022 looks on a white background.

## Color Contrast Check

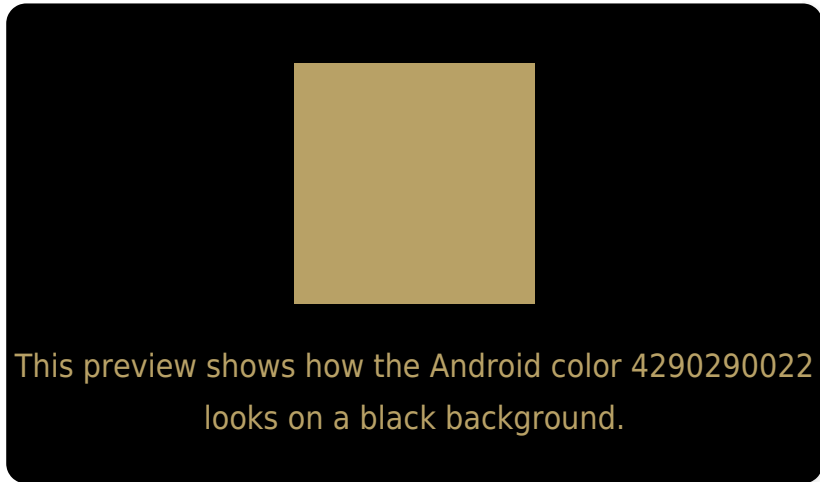
Large Text (above 18pt) WCAG AA × Fail

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 4290290022 Background



This preview shows how black text looks on a background with the Android color 4290290022.



This preview shows how white text looks on a background with the Android color 4290290022.

# 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**  
4290290022

**Protanopia**  
4289897319

**Deuteranopia**  
4291140711



**Tritanopia**  
4290681253

# Trichromacy



**Original Color**  
4290290022

**Protanomaly**  
4290028135

**Deuteranomaly**  
4290813543

**Tritanomaly**  
4290550926

# Monochromacy



**Original Color**  
4290290022

**Achromatopsia**  
4288782753

**Achromatomaly**  
4289307020

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290290022 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(184, 161, 102)` looks like.

```
.text, #text, p{  
    color:rgb(184, 161, 102)  
}
```

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(184, 161, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 161, 102) }
```

## Border

The CSS property to change the border of an element to Android 4290290022 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(184, 161, 102) }
```

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

```
.border{ border-color:rgb(184, 161, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 161, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 161, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 161, 102);  
box-shadow:4px 4px 4px 4px rgb(184, 161,  
102) }
```

# Background

The CSS property to change the background color of an element to Android 4290290022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 161, 102) }
```

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

```
.background{ background-color: rgb(184,  
161, 102) }
```

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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