

# Converting Colors

Android(4290421842)

Have a look what the booklet for  
Android(4290421842) contains.

<b>Android(4290421842)</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(4290421842)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BAA452
RGB	186, 164, 82
RGB Percent	73%, 64%, 32%
CMY	0.2706, 0.3569, 0.6784
CMYK	0.00, 0.12, 0.56, 0.27
HSL	47°, 43%, 53%
HSV	47°, 56%, 73%
XYZ	35.0481, 37.5992, 13.3928
YIQ	161.2300, 39.4340, -20.8380

# Conversions

## Conversions Part 2

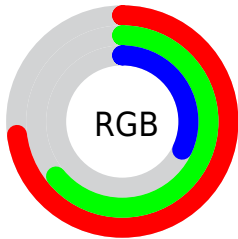
Format	Color
<a href="#">RYB</a>	<a href="#">110, 186, 82</a>
Decimal	<a href="#">12231762</a>
CIELab	<a href="#">67.72, -2.33, 44.89</a>
CIELCh	<a href="#">68, 44.948, 92.976</a>
Yxy	<a href="#">37.5992, 0.4073, 0.4370</a>
Android (android.graphics.Color)	<a href="#">4290421842 (0xFFBAA452)</a>
YUV	<a href="#">161.2300, -39.0604, 21.7233</a>
Hunter-Lab	<a href="#">61.3182, -5.2801, 29.9729</a>

# Details

The Android color **4290421842** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4283590842**, and the grayscale version is **4288848546**.

A 20% lighter version of the original color is **4294237062**, and **4286738720** is the 20% darker color. If you saturate the color by 10%, you get **4290420799**, and if you desaturate by 10%, it is **4290422885**.

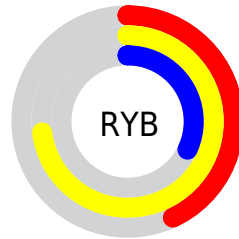
# Distribution



Red (73%)

Green (64%)

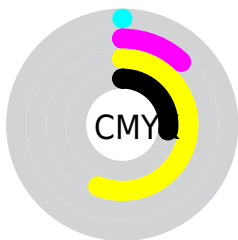
Blue (32%)



Red (43%)

Yellow (73%)

Blue (32%)

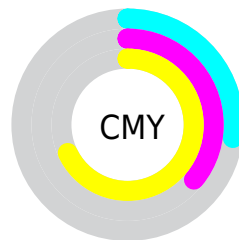


Cyan (0%)

Magenta (12%)

Yellow (56%)

Black (27%)



Cyan (27%)

Magenta (36%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290421842 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 4290421842 by changing the saturation by 10% instead.





4290421842



4290421842

4294967295



4288580153



4294237062



4286738720



4294965153



4284962818



4294967228



4283318528



4294967256



4281608960



4294967285



4280030976



4278190080



4290421842



4290421842



4290420799



4290422885

4290419757

4290423927

4290418714

4290424970

4290417672

4290426012

4290417408

4290427055

4290428098

4290429140

4290429927

4290430969

# Harmonies

## Analogous

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



4292580957



4290421842



4287672415

# Triad

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



4290421842



4278237648



4292577995

# Complementary

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



4290421842



4283590842

# 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.



4289632745



4290421842



4278236140

# Square

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



4290421842



4278237864



4285180150



4293952674

# Rectangle

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



4290421842



4285511027



4285180150



4291727318



# Sweetspot

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



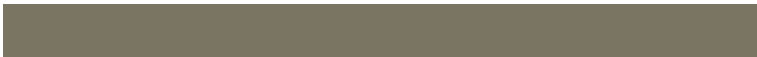
4290421842



4294109897



4290400873



4286215522



4294638330



4286216826



# Same Dimension

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



4290421842



4294103120



4288526930



4284242515



4288445184



4280030720



# Inverse Universe

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



4283590842



4283462386



4285485754



4283651420



4278198684



4278191644



# Previews

## White Background



This preview shows how the Android color 4290421842 looks on a white background.

## Color Contrast Check

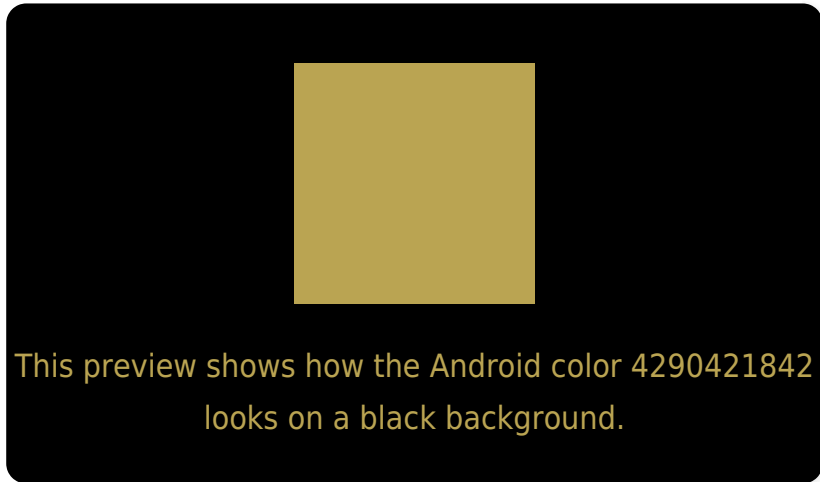
Large Text (above 18pt) WCAG AA × Fail

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 4290421842 Background



This preview shows how black text looks on a background with the Android color 4290421842.



This preview shows how white text looks on a background with the Android color 4290421842.

# 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**

4290421842

**Protanopia**

4290159954

**Deuteranopia**

4291534164



**Tritanopia**  
4290943911

# Trichromacy



**Original Color**  
4290421842

**Protanomaly**  
4290225490

**Deuteranomaly**  
4291141715

**Tritanomaly**  
4290748040

# Monochromacy



**Original Color**  
4290421842

**Achromatopsia**  
4288782753

**Achromatomaly**  
4289372804

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290421842 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, 164, 82)` looks like.

```
.text, #text, p{  
    color:rgb(186, 164, 82)  
}
```

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, 164, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 164, 82) }
```

## Border

The CSS property to change the border of an element to Android 4290421842 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, 164, 82) }
```

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

```
.border{ border-color:rgb(186, 164, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 164, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 164, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 164, 82);  
box-shadow:4px 4px 4px 4px rgb(186, 164,  
82) }
```

# Background

The CSS property to change the background color of an element to Android 4290421842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 164, 82) }
```

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

```
.background{ background-color: rgb(186,  
164, 82) }
```

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