

Converting Colors

Android(4290419042)

Have a look what the booklet for
Android(4290419042) contains.

Android(4290419042)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4290419042)

Conversions

Conversions Part 1

Format	Color
Hex	BA9962
RGB	186, 153, 98
RGB Percent	73%, 60%, 38%
CMY	0.2706, 0.4000, 0.6157
CMYK	0.00, 0.18, 0.47, 0.27
HSL	38°, 39%, 56%
HSV	38°, 47%, 73%
XYZ	33.8455, 34.1034, 16.3540
YIQ	156.5970, 37.3230, -10.1090

Conversions

Conversions Part 2

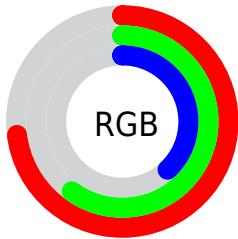
Format	Color
RYB	151, 186, 98
Decimal	12228962
CIELab	65.04, 5.07, 33.42
CIElCh	65, 33.801, 81.377
Yxy	34.1034, 0.4015, 0.4045
Android (android.graphics.Color)	4290419042 (0xFFBA9962)
YUV	156.5970, -28.8883, 25.7864
Hunter-Lab	58.3981, 1.2557, 24.2749

Details

The Android color `4290419042` is a dark color, and the websafe version is hex `CC9966`. A complement of this color would be `4284646330`, and the grayscale version is `4288519581`.

A 20% lighter version of the original color is `4294234006`, and `4286801458` is the 20% darker color. If you saturate the color by 10%, you get `4290417231`, and if you desaturate by 10%, it is `4290420853`.

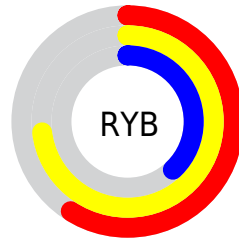
Distribution



Red (73%)

Green (60%)

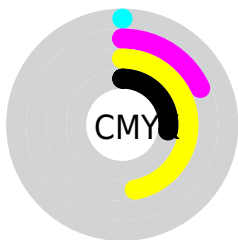
Blue (38%)



Red (59%)

Yellow (73%)

Blue (38%)

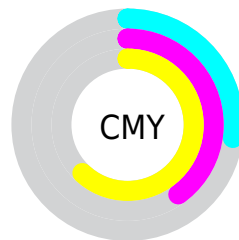


Cyan (0%)

Magenta (18%)

Yellow (47%)

Black (27%)



Cyan (27%)

Magenta (40%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290419042 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 4290419042 by changing the saturation by 10% instead.



4290419042



4290419042

4294967295



4288577354



4294234006



4286801458



4294962096



4285025819



4294967244



4283316226



4294967272



4281737728



4280093952



4278190080



4290419042



4290419042



4290417231



4290420853

■ 4290415421

■ 4290422663

■ 4290413610

■ 4290424474

■ 4290411800

■ 4290426284

■ 4290409989

■ 4290428095

■ 4290409472

■ 4290429906

■ 4290431716

■ 4290433527

■ 4290435327

Harmonies

Analogous

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



4291858288



4290419042



4288455525

Triad

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



4290419042



4281314995



4290547396

Complementary

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



4290419042



4284646330

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.



4287994326



4290419042



4281707468

Square

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



4290419042



4283674260



4284851161



4292052904

Rectangle

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



4290419042



4286949487



4284851161



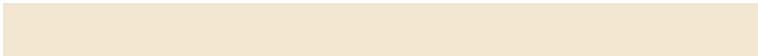
4289761995

Sweetspot

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



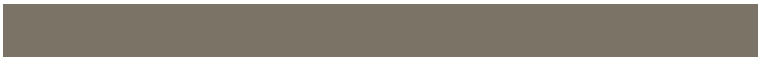
4290419042



4294108880



4290404996



4286215014



4294638330



4286216826

Same Dimension

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



4290419042



4294098536



4289772130



4284242003



4288438528



4280029696

Inverse Universe

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



4284646330



4285046002



4285293242



4283651676



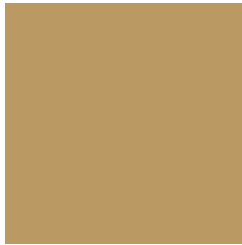
4278205084



4278192924

Previews

White Background



This preview shows how the Android color 4290419042 looks on a white background.

Color Contrast Check

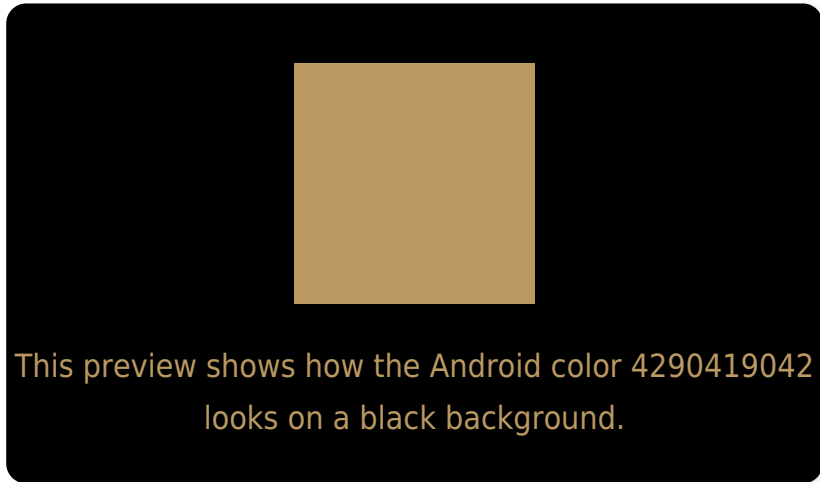
Large Text (above 18pt) WCAG AA × Fail

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 4290419042 Background



This preview shows how black text looks on a background with the Android color 4290419042.



This preview shows how white text looks on a background with the Android color 4290419042.

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
4290419042

Protanopia
4289502820

Deuteranopia
4290746210

Trichromacy



Original Color
4290419042

Protanomaly
4289829987

Deuteranomaly
4290615394

Tritanomaly
4290680200

Monochromacy



Original Color
4290419042

Achromatopsia
4288519581

Achromatomaly
4289240200

CSS Examples

Text

The CSS property to change the color of the text to Android 4290419042 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, 153, 98)` looks like.

```
.text, #text, p{  
    color:rgb(186, 153, 98)  
}
```

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, 153, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 153, 98) }
```

Border

The CSS property to change the border of an element to Android 4290419042 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, 153, 98) }
```

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

```
.border{ border-color:rgb(186, 153, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 153, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 153, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 153, 98);  
box-shadow:4px 4px 4px 4px rgb(186, 153,  
98) }
```

Background

The CSS property to change the background color of an element to Android 4290419042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 153, 98) }
```

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

```
.background{ background-color: rgb(186,  
153, 98) }
```

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