

Converting Colors

Android(4291476124)

Have a look what the booklet for
Android(4291476124) contains.

Android(4291476124)	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(4291476124)

Conversions

Conversions Part 1

Format	Color
Hex	CABA9C
RGB	202, 186, 156
RGB Percent	79%, 73%, 61%
CMY	0.2078, 0.2706, 0.3882
CMYK	0.00, 0.08, 0.23, 0.21
HSL	39°, 30%, 70%
HSV	39°, 23%, 79%
XYZ	47.9168, 50.0747, 38.5924
YIQ	187.3640, 19.1660, -5.9380

Conversions

Conversions Part 2

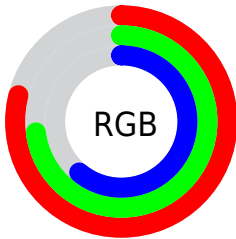
Format	Color
RYB	181, 202, 156
Decimal	13286044
CIELab	76.12, 0.89, 17.28
CIELCh	76, 17.303, 87.038
Yxy	50.0747, 0.3508, 0.3666
Android (android.graphics.Color)	4291476124 (0xFFCABA9C)
YUV	187.3640, -15.4625, 12.8358
Hunter-Lab	70.7635, -2.9665, 17.1993

Details

The Android color `4291476124` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `4288457930`, and the grayscale version is `4290493371`.

A 20% lighter version of the original color is `4294963923`, and `4287858025` is the 20% darker color. If you saturate the color by 10%, you get `4291474312`, and if you desaturate by 10%, it is `4291477936`.

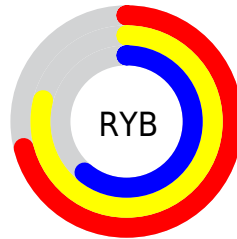
Distribution



Red (79%)

Green (73%)

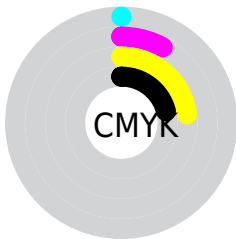
Blue (61%)



Red (71%)

Yellow (79%)

Blue (61%)

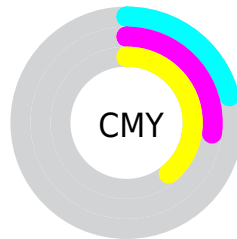


Cyan (0%)

Magenta (8%)

Yellow (23%)

Black (21%)



Cyan (21%)

Magenta (27%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291476124 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 4291476124 by changing the saturation by 10% instead.



4291476124



4291476124

4294967295



4289634178



4294963923



4287858025



4294967279



4286147664



4284503097



4282924323



4281411342



4279964160



4278190080



4291476124



4291476124

■ 4291474312

■ 4291477936

■ 4291472500

■ 4291479748

■ 4291470687

■ 4291481561

■ 4291468875

■ 4291483373

■ 4291467063

■ 4291485183

■ 4291465251

■ 4291486975

■ 4291463439

■ 4291488767

■ 4291462144

■ 4291490559

■ 4291492351

Harmonies

Analogous

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



4292326817



4291476124



4290363295

Triad

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



4291476124



4287808970



4291802061

Complementary

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



4291476124



4288457930

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.



4290623704



4291476124



4288201430

Square

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



4291476124



4288202169



4289248987



4292587966

Rectangle

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



4291476124



4289512102



4289248987



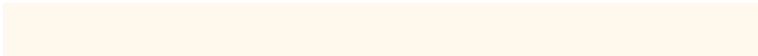
4291474898

Sweetspot

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



4291476124



4294965741



4291468460



4286610549



4278190080



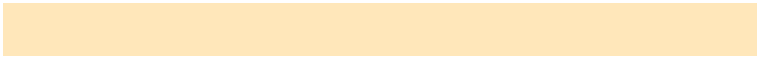
4286611584

Same Dimension

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



4291476124



4294961082



4291021468



4284899932



4289096704



4280686848

Inverse Universe

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



4288457930



4290433791



4288912586



4284243814



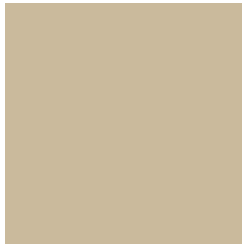
4278205094



4278193446

Previews

White Background



This preview shows how the Android color 4291476124 looks on a white background.

Color Contrast Check

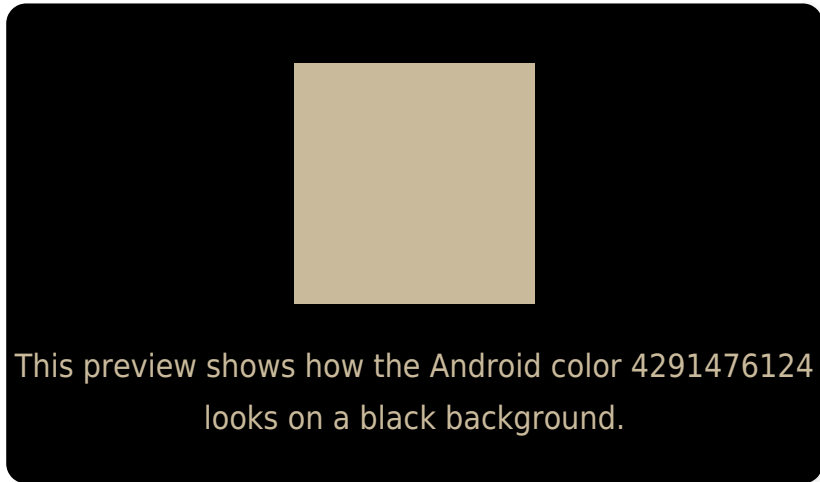
Large Text (above 18pt) WCAG AA × Fail

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

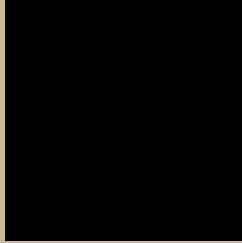
Any Text WCAG AA ✓ Pass

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 4291476124 Background



This preview shows how black text looks on a background with the Android color 4291476124.



This preview shows how white text looks on a background with the Android color 4291476124.

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
4291476124

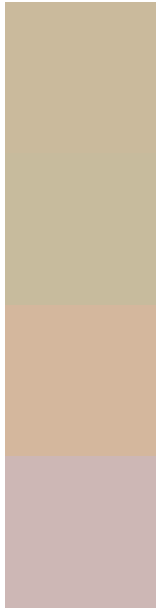
Protanopia
4291214237

Deuteranopia
4292457885



Tritanopia
4291802563

Trichromacy



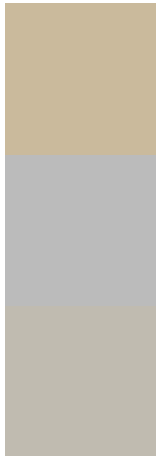
Original Color
4291476124

Protanomaly
4291279773

Deuteranomaly
4292130717

Tritanomaly
4291671989

Monochromacy



Original Color
4291476124

Achromatopsia
4290493371

Achromatomaly
4290821040

CSS Examples

Text

The CSS property to change the color of the text to Android 4291476124 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(202, 186, 156)` looks like.

```
.text, #text, p{  
    color:rgb(202, 186, 156)  
}
```

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(202, 186, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 186, 156) }
```

Border

The CSS property to change the border of an element to Android 4291476124 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(202, 186, 156) }
```

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

```
.border{ border-color:rgb(202, 186, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 186, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 186, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 186, 156);  
box-shadow:4px 4px 4px 4px rgb(202, 186,  
156) }
```

Background

The CSS property to change the background color of an element to Android 4291476124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 186, 156) }
```

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

```
.background{ background-color: rgb(202,  
186, 156) }
```

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