

Converting Colors

Android(4292457574)

Have a look what the booklet for
Android(4292457574) contains.

| | |
|--|----|
| Android(4292457574) | 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(4292457574)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D9B466 |
| RGB | 217, 180, 102 |
| RGB Percent | 85%, 71%, 40% |
| CMY | 0.1490, 0.2941, 0.6000 |
| CMYK | 0.00, 0.17, 0.53, 0.15 |
| HSL | 41°, 60%, 63% |
| HSV | 41°, 53%, 85% |
| XYZ | 47.3348, 48.3535, 19.4087 |
| YIQ | 182.1710, 47.0900, -16.4140 |

Conversions

Conversions Part 2

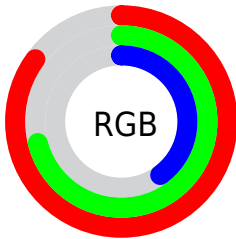
| Format | Color |
|-------------------------------------|--|
| RYB | 157, 217, 102 |
| Decimal | 14267494 |
| CIELab | 75.05, 3.88, 44.42 |
| CIELCh | 75, 44.589, 85.010 |
| Yxy | 48.3535, 0.4113, 0.4201 |
| Android (android.graphics.Color) | 4292457574 (0xFFD9B466) |
| YUV | 182.1710, -39.5243, 30.5450 |
| Hunter-Lab | 69.5367, -0.1813, 32.1270 |

Details

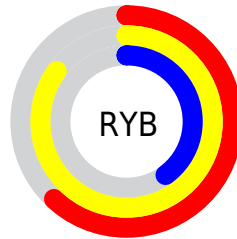
The Android color **4292457574** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **4284910553**, and the grayscale version is **4290230199**.

A 20% lighter version of the original color is **4294962331**, and **4288708404** is the 20% darker color. If you saturate the color by 10%, you get **4292455760**, and if you desaturate by 10%, it is **4292459388**.

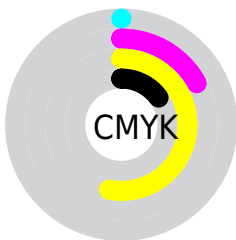
Distribution



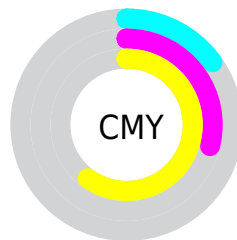
- Red (85%)
- Green (71%)
- Blue (40%)



- Red (62%)
- Yellow (85%)
- Blue (40%)



- Cyan (0%)
- Magenta (17%)
- Yellow (53%)
- Black (15%)



- Cyan (15%)
- Magenta (29%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4292457574 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 4292457574 by changing the saturation by 10% instead.



4292457574



4292457574

4294967295



4290550093



4294962331



4288708404



4294967222



4286867227



4294967250



4285091584



4294967279



4283381760



4281606912



4280028672



4278190080



4292457574



4292457574

4292455760

4292459388

4292453947

4292461201

4292452133

4292463015

4292450319

4292464829

4292449024

4292466643

4292468456

4292470270

4292472063

4292473855

Harmonies

Analogous

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



4294485367



4292457574



4289773932

Triad

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



4292457574



4278243034



4293305064

Complementary

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



4292457574



4284910553

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.



4289966591



4292457574



4278241787

Square

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



4292457574



4282437296



4285251583



4294941121

Rectangle

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



4292457574



4287743869



4285251583



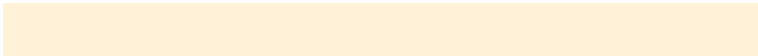
4292323059

Sweetspot

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



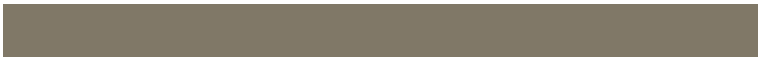
4292457574



4294963926



4292437644



4286609511



4278190080



4286611584

Same Dimension

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



4292457574



4294953564



4291221862



4285426275



4289558016



4281212672

Inverse Universe

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



4284910553



4284256511



4286146265



4284704366



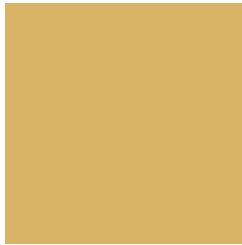
4278204589



4278193966

Previews

White Background



This preview shows how the Android color 4292457574 looks on a white background.

Color Contrast Check

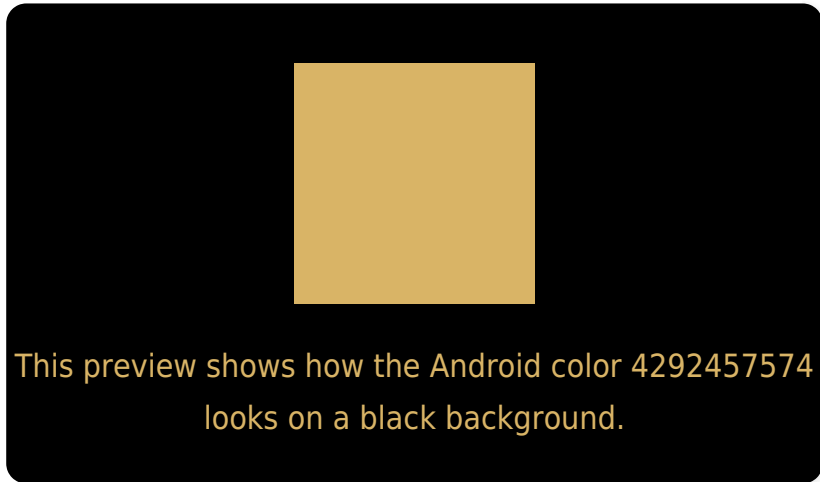
Large Text (above 18pt) WCAG AA × Fail

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 4292457574 Background



This preview shows how black text looks on a background with the Android color 4292457574.

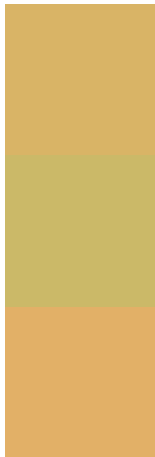


This preview shows how white text looks on a background with the Android color 4292457574.

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
4292457574

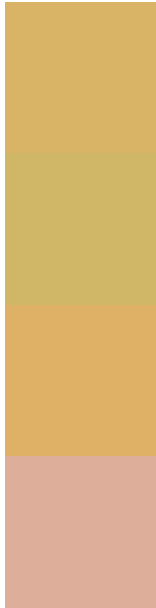
Protanopia
4291541352

Deuteranopia
4293046375



Tritanopia
4292913848

Trichromacy



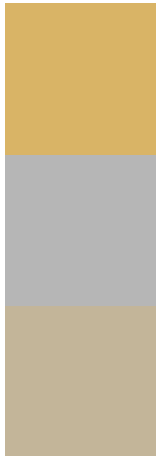
Original Color
4292457574

Protanomaly
4291868519

Deuteranomaly
4292850023

Tritanomaly
4292718234

Monochromacy



Original Color
4292457574

Achromatopsia
4290164406

Achromatomaly
4291016089

CSS Examples

Text

The CSS property to change the color of the text to Android 4292457574 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(217, 180, 102)` looks like.

```
.text, #text, p{  
    color:rgb(217, 180, 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(217, 180, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 180, 102) }
```

Border

The CSS property to change the border of an element to Android 4292457574 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(217, 180, 102) }
```

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

```
.border{ border-color:rgb(217, 180, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 180, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 180, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 180, 102);  
box-shadow:4px 4px 4px 4px rgb(217, 180,  
102) }
```

Background

The CSS property to change the background color of an element to Android 4292457574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 180, 102) }
```

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

```
.background{ background-color: rgb(217,  
180, 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](#).

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