

# Converting Colors

Android(4292519039)

Have a look what the booklet for  
Android(4292519039) contains.

<b>Android(4292519039)</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(4292519039)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAA47F
RGB	218, 164, 127
RGB Percent	85%, 64%, 50%
CMY	0.1451, 0.3569, 0.5020
CMYK	0.00, 0.25, 0.42, 0.15
HSL	24°, 55%, 68%
HSV	24°, 42%, 85%
XYZ	46.0197, 42.9887, 25.9508
YIQ	175.9280, 44.0610, -0.0590

# Conversions

## Conversions Part 2

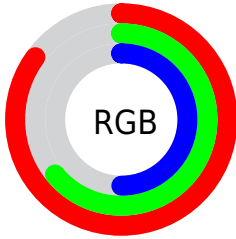
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	218, 189, 127
Decimal	14328959
CIE Lab	71.55, 15.26, 26.94
CIE LCh	72, 30.964, 60.472
Yxy	42.9887, 0.4003, 0.3739
Android (android.graphics.Color)	4292519039 (0xFFDAA47F)
YUV	175.9280, -24.1215, 36.8971
Hunter-Lab	65.5657, 10.5466, 22.4291

# Details

The Android color `4292519039` is a light color, and the websafe version is hex `CC9966`. A complement of this color would be `4286559706`, and the grayscale version is `4289769648`.

A 20% lighter version of the original color is `4294958004`, and `4288770125` is the 20% darker color. If you saturate the color by 10%, you get `4292515689`, and if you desaturate by 10%, it is `4292522389`.

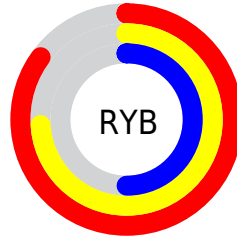
# Distribution



Red (85%)

Green (64%)

Blue (50%)



Red (85%)

Yellow (74%)

Blue (50%)

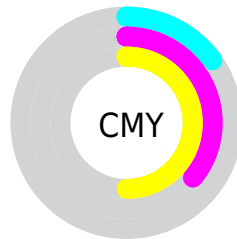


Cyan (0%)

Magenta (25%)

Yellow (42%)

Black (15%)



Cyan (15%)

Magenta (36%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292519039 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 4292519039 by changing the saturation by 10% instead.



 4292519039

 4292519039

4294967295

 4290611814

 4294958004

 4288770125

 4294965456

 4286994486

 4294967276

 4285218848

 4283443722

 4281799936

 4280287232

 4278190080

 4292519039

 4292519039

 4292515689

 4292522389

 4292512339

 4292525739

 4292508990

 4292529088

 4292505640

 4292532438

 4292502290

 4292535788

 4292499712

 4292539135

 4292542463

# Harmonies

## Analogous

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



4293368980



4292519039



4291014263

# Triad

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



4292519039



4284858287



4290029792

# Complementary

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



4292519039



4286559706

# 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.



4287345383



4292519039



4283743947

# Square

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



4292519039



4286889107



4284791520



4292124620

# Rectangle

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



4292519039



4289705082



4284791520



4289178596

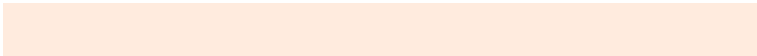


# Sweetspot

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



4292519039



4294962142



4292509622



4286608235



4278190080



4286611584



# Same Dimension

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



4292519039



4294947712



4292530559



4285425507



4289545984



4281209600



# Inverse Universe

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



4286559706



4286630911



4286548186



4284705134



4278216621



4278197038



# Previews

## White Background



This preview shows how the Android color 4292519039 looks on a white background.

## Color Contrast Check

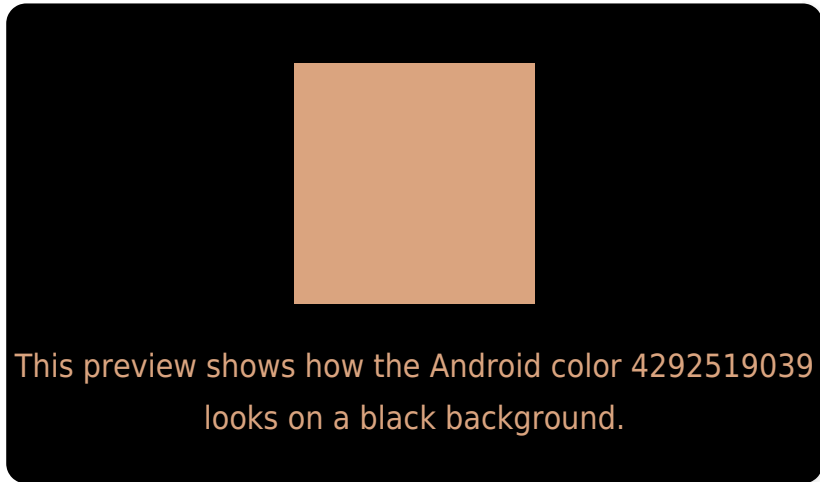
Large Text (above 18pt) WCAG AA × Fail

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

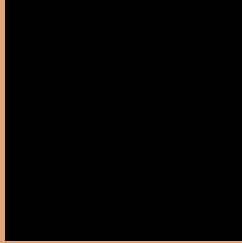
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4292519039 Background



This preview shows how black text looks on a background with the Android color 4292519039.



This preview shows how white text looks on a background with the Android color 4292519039.

# 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**  
4292519039

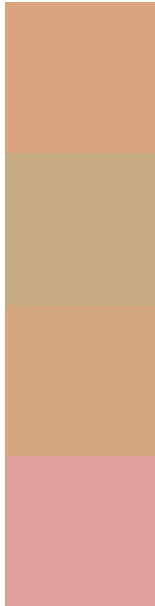
**Protanopia**  
4290555780

**Deuteranopia**  
4291864702



**Tritanopia**  
4292779690

# Trichromacy



**Original Color**  
4292519039

**Protanomaly**  
4291275650

**Deuteranomaly**  
4292126590

**Tritanomaly**  
4292714650

# Monochromacy



**Original Color**  
4292519039

**Achromatopsia**  
4289769648

**Achromatomaly**  
4290751646

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292519039 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(218, 164, 127)` looks like.

```
.text, #text, p{  
    color:rgb(218, 164, 127)  
}
```

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(218, 164, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 164, 127) }
```

## Border

The CSS property to change the border of an element to Android 4292519039 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(218, 164, 127) }
```

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

```
.border{ border-color:rgb(218, 164, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 164, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 164, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 164, 127);  
box-shadow:4px 4px 4px 4px rgb(218, 164,  
127) }
```

# Background

The CSS property to change the background color of an element to Android 4292519039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 164, 127) }
```

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

```
.background{ background-color: rgb(218,  
164, 127) }
```

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