

# Converting Colors

Android(4292390009)

Have a look what the booklet for  
Android(4292390009) contains.

<b>Android(4292390009)</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(4292390009)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8AC79
RGB	216, 172, 121
RGB Percent	85%, 67%, 47%
CMY	0.1529, 0.3255, 0.5255
CMYK	0.00, 0.20, 0.44, 0.15
HSL	32°, 55%, 66%
HSV	32°, 44%, 85%
XYZ	46.5226, 45.4845, 24.4165
YIQ	179.3420, 42.5950, -6.5330

# Conversions

## Conversions Part 2

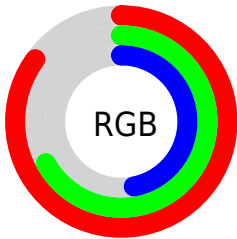
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 216, 121
Decimal	14199929
CIE <sub>Lab</sub>	73.21, 9.52, 32.30
CIE <sub>LCh</sub>	73, 33.676, 73.579
Yxy	45.4845, 0.3996, 0.3907
Android (android.graphics.Color)	4292390009 (0xFFD8AC79)
YUV	179.3420, -28.7626, 32.1491
Hunter-Lab	67.4422, 5.1082, 25.7444

# Details

The Android color `4292390009` is a light color, and the websafe version is hex `CC9966`. A complement of this color would be `4286162392`, and the grayscale version is `4290032820`.

A 20% lighter version of the original color is `4294960046`, and `4288641095` is the 20% darker color. If you saturate the color by 10%, you get `4292387427`, and if you desaturate by 10%, it is `4292392591`.

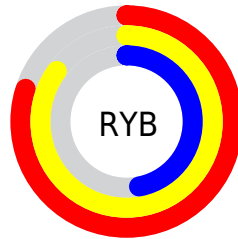
# Distribution



Red (85%)

Green (67%)

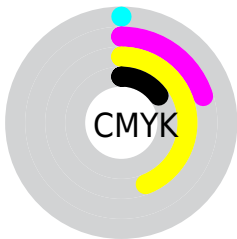
Blue (47%)



Red (80%)

Yellow (85%)

Blue (47%)

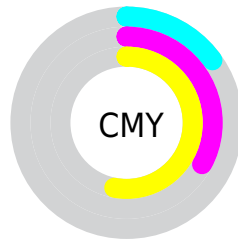


Cyan (0%)

Magenta (20%)

Yellow (44%)

Black (15%)



Cyan (15%)

Magenta (33%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292390009 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 4292390009 by changing the saturation by 10% instead.





4292390009



4292390009

4294967295



4290482528



4294960046



4288641095



4294967241



4286865200



4294967270



4285089561



4283379969



4281736192



4280157184



4278190080



4292390009



4292390009

 4292387427

 4292392591

 4292384846

 4292395172

 4292382264

 4292397754

 4292379683

 4292400335

 4292377101

 4292402917

 4292375552

 4292405499

 4292408063

 4292410623

 4292411391

# Harmonies

## Analogous

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



4293632651



4292390009



4290492023

# Triad

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



4292390009



4283680193



4291405793

# Complementary

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



4292390009



4286162392

# 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.



4288721647



4292390009



4283351773

# Square

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



4292390009



4285842337



4285578478



4293304006

# Rectangle

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



4292390009



4288986240



4285578478



4290620135

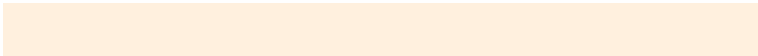


# Sweetspot

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



4292390009



4294963422



4292376997



4286609003



4278190080



4286611584



# Same Dimension

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



4292390009



4294951032



4292204665



4285228640



4289420288



4281014016

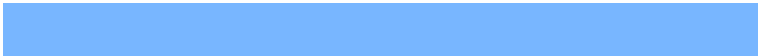


# Inverse Universe

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



4286162392



4286101247



4286347736



4284507499



4278210475

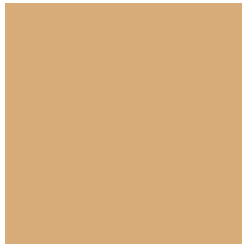


4278195243



# Previews

## White Background



This preview shows how the Android color 4292390009 looks on a white background.

## Color Contrast Check

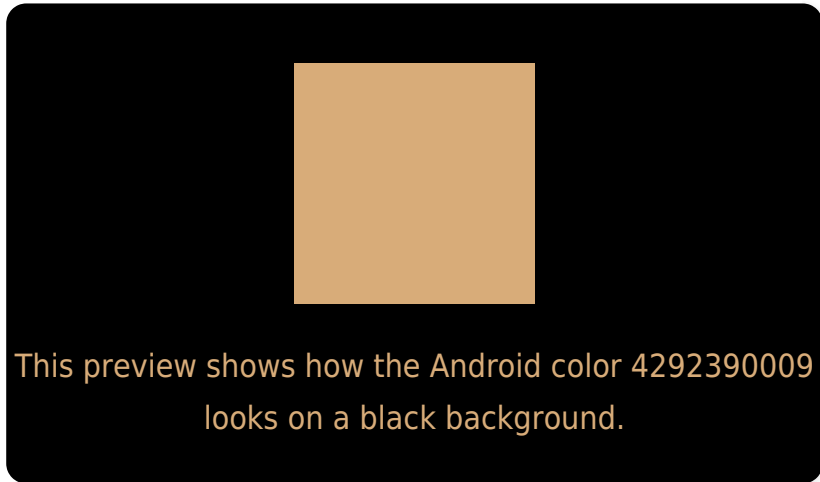
Large Text (above 18pt) WCAG AA × Fail

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

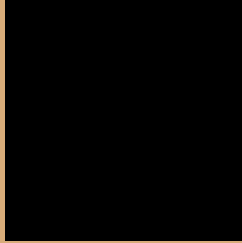
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4292390009 Background



This preview shows how black text looks on a background with the Android color 4292390009.



This preview shows how white text looks on a background with the Android color 4292390009.

# 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**  
4292390009

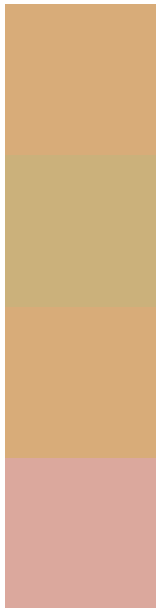
**Protanopia**  
4291015804

**Deuteranopia**  
4292390009



**Tritanopia**  
4292715953

# Trichromacy



**Original Color**  
4292390009

**Protanomaly**  
4291539323

**Deuteranomaly**  
4292390009

**Tritanomaly**  
4292585629

# Monochromacy



**Original Color**  
4292390009

**Achromatopsia**  
4289967027

**Achromatomaly**  
4290818206

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292390009 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(216, 172, 121)` looks like.

```
.text, #text, p{  
    color:rgb(216, 172, 121)  
}
```

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(216, 172, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 172, 121) }
```

## Border

The CSS property to change the border of an element to Android 4292390009 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(216, 172, 121) }
```

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

```
.border{ border-color:rgb(216, 172, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 172, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 172, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 172, 121);  
box-shadow:4px 4px 4px 4px rgb(216, 172,  
121) }
```

# Background

The CSS property to change the background color of an element to Android 4292390009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 172, 121) }
```

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

```
.background{ background-color: rgb(216,  
172, 121) }
```

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