

# Converting Colors

Android(4292398745)

Have a look what the booklet for  
Android(4292398745) contains.

<b>Android(4292398745)</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(4292398745)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8CE99
RGB	216, 206, 153
RGB Percent	85%, 81%, 60%
CMY	0.1529, 0.1922, 0.4000
CMYK	0.00, 0.05, 0.29, 0.15
HSL	50°, 45%, 72%
HSV	50°, 29%, 85%
XYZ	56.1400, 61.0415, 38.9603
YIQ	202.9480, 22.9730, -14.3630

# Conversions

## Conversions Part 2

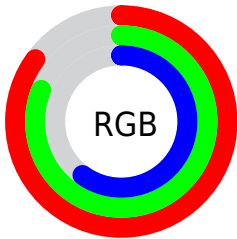
<b>Format</b>	<b>Color</b>
<b>RYB</b>	165, 216, 153
Decimal	14208665
CIELab	82.40, -4.63, 27.67
CIELCh	82, 28.053, 99.493
Yxy	61.0415, 0.3595, 0.3909
Android (android.graphics.Color)	4292398745 (0xFFD8CE99)
YUV	202.9480, -24.6244, 11.4466
Hunter-Lab	78.1290, -8.4638, 25.1244

# Details

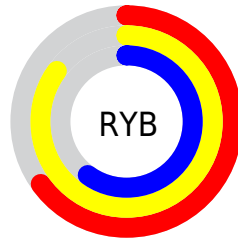
The Android color `4292398745` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `4288259032`, and the grayscale version is `4291546059`.

A 20% lighter version of the original color is `4294967248`, and `4288714853` is the 20% darker color. If you saturate the color by 10%, you get `4292397955`, and if you desaturate by 10%, it is `4292399535`.

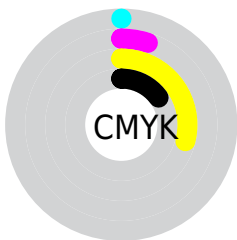
# Distribution



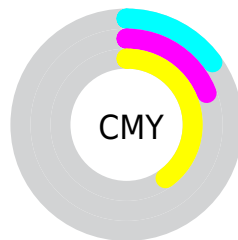
- Red (85%)
- Green (81%)
- Blue (60%)



- Red (65%)
- Yellow (85%)
- Blue (60%)



- Cyan (0%)
- Magenta (5%)
- Yellow (29%)
- Black (15%)



- Cyan (15%)
- Magenta (19%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292398745 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 4292398745 by changing the saturation by 10% instead.





4292398745



4292398745

4294967295



4290556799



4294967248



4288714853



4294967276



4287004237



4285293878



4283649311



4282070792



4280557824



4278258688



4278190080

 4292398745

 4292398745

 4292397955

 4292399535

 4292396910

 4292400580

 4292396120

 4292401370

 4292395075

 4292402415

 4292394285

 4292403199

 4292393239

 4292404223

 4292392450

 4292404991

 4292392448

 4292405759

 4292406783

# Harmonies

## Analogous

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



4294034844



4292398745



4290500260

# Triad

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



4292398745



4286700270



4294360288

# Complementary

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



4292398745



4288259032

# 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.



4292658166



4292398745



4288075262

# Square

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



4292398745



4287028437



4290366975



4294949573

# Rectangle

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



4292398745



4289124786



4290366975



4293902056



# Sweetspot

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



4292398745



4294966248



4292385188



4286610801



4278190080



4286611584



# Same Dimension

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



4292398745



4294963622



4291025049



4285229408



4289433600



4281017344



# Inverse Universe

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



4288259032



4289115391



4289632728



4284506731



4278197163

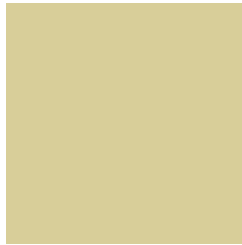


4278191915



# Previews

## White Background



This preview shows how the Android color 4292398745 looks on a white background.

## Color Contrast Check

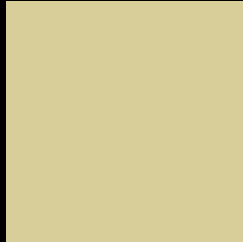
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4292398745 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

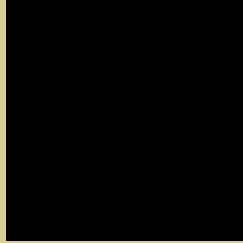
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4292398745 Background



This preview shows how black text looks on a background with the Android color 4292398745.



This preview shows how white text looks on a background with the Android color 4292398745.

# 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**  
4292398745

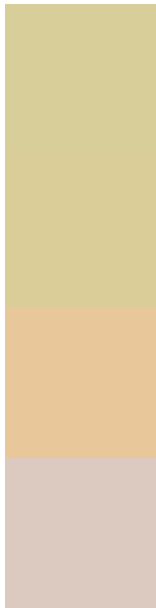
**Protanopia**  
4292660632

**Deuteranopia**  
4294034843



**Tritanopia**  
4292855510

# Trichromacy



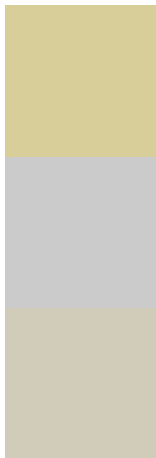
**Original Color**  
4292398745

**Protanomaly**  
4292595096

**Deuteranomaly**  
4293445786

**Tritanomaly**  
4292659648

# Monochromacy



**Original Color**  
4292398745

**Achromatopsia**  
4291546059

**Achromatomaly**  
4291873977

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292398745 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, 206, 153)` looks like.

```
.text, #text, p{  
    color:rgb(216, 206, 153)  
}
```

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, 206, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 206, 153) }
```

## Border

The CSS property to change the border of an element to Android 4292398745 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, 206, 153) }
```

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

```
.border{ border-color:rgb(216, 206, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 206, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 206, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 206, 153);  
box-shadow:4px 4px 4px 4px rgb(216, 206,  
153) }
```

# Background

The CSS property to change the background color of an element to Android 4292398745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 206, 153) }
```

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

```
.background{ background-color: rgb(216,  
206, 153) }
```

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