

# Converting Colors

Android(4292333731)

Have a look what the booklet for  
Android(4292333731) contains.

<b>Android(4292333731)</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(4292333731)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7D0A3
RGB	215, 208, 163
RGB Percent	84%, 82%, 64%
CMY	0.1569, 0.1843, 0.3608
CMYK	0.00, 0.03, 0.24, 0.16
HSL	52°, 39%, 74%
HSV	52°, 24%, 84%
XYZ	57.1911, 62.2032, 43.6425
YIQ	204.9630, 18.6170, -12.5110

# Conversions

## Conversions Part 2

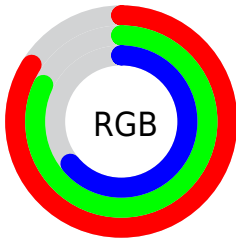
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 215, 163
Decimal	14143651
CIELab	83.02, -4.70, 23.26
CIELCh	83, 23.734, 101.418
Yxy	62.2032, 0.3508, 0.3815
Android (android.graphics.Color)	4292333731 (0xFFD7D0A3)
YUV	204.9630, -20.6878, 8.8024
Hunter-Lab	78.8690, -8.5832, 22.3999

# Details

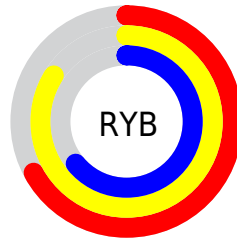
The Android color `4292333731` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `4288916183`, and the grayscale version is `4291677645`.

A 20% lighter version of the original color is `4294967258`, and `4288715375` is the 20% darker color. If you saturate the color by 10%, you get `4292332942`, and if you desaturate by 10%, it is `4292334521`.

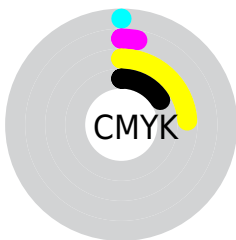
# Distribution



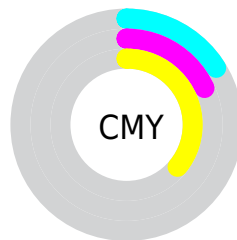
- Red (84%)
- Green (82%)
- Blue (64%)



- Red (67%)
- Yellow (84%)
- Blue (64%)



- Cyan (0%)
- Magenta (3%)
- Yellow (24%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292333731 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 4292333731 by changing the saturation by 10% instead.





4292333731



4292333731

4294967295



4290491529



4294967258



4288715375



4294967287



4286939222



4285228863



4283649832



4282071059



4280623872



4278521344



4278190080

 4292333731

 4292333731

 4292332942

 4292334521

 4292332152

 4292335310

 4292331363

 4292336099

 4292330573

 4292336889

 4292330039

 4292337407

 4292329250

 4292338175

 4292328460

 4292338943

 4292327936

 4292339711

 4292340479

# Harmonies

## Analogous

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



4293708197



4292333731



4290696877

# Triad

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



4292333731



4287879915



4294164958

# Complementary

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



4292333731



4288916183

# 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.



4292724464



4292333731



4288992760

# Square

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



4292333731



4287945943



4290825978



4294819783

# Rectangle

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



4292333731



4289583545



4290825978



4293772004



# Sweetspot

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



4292333731



4294966765



4292322219



4286611061



4278190080



4286611584



# Same Dimension

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



4292333731



4294964661



4291155875



4285229664



4289434624



4281017856



# Inverse Universe

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



4288916183



4290101247



4290094039



4284506731



4278196139



4278191659



# Previews

## White Background



This preview shows how the Android color 4292333731 looks on a white background.

## Color Contrast Check

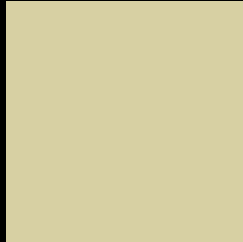
Large Text (above 18pt) WCAG AA × Fail

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 4292333731 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 4292333731 Background



This preview shows how black text looks on a background with the Android color 4292333731.



This preview shows how white text looks on a background with the Android color 4292333731.

# 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**  
4292333731

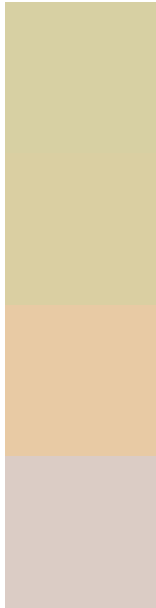
**Protanopia**  
4292660898

**Deuteranopia**  
4294035365



**Tritanopia**  
4292790745

# Trichromacy



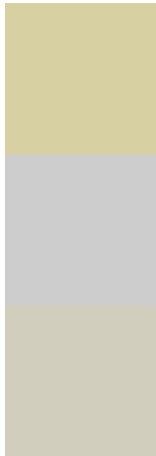
**Original Color**  
4292333731

**Protanomaly**  
4292530082

**Deuteranomaly**  
4293446308

**Tritanomaly**  
4292594885

# Monochromacy



**Original Color**  
4292333731

**Achromatopsia**  
4291677645

**Achromatomaly**  
4291940030

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292333731 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(215, 208, 163)` looks like.

```
.text, #text, p{  
    color:rgb(215, 208, 163)  
}
```

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(215, 208, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 208, 163) }
```

## Border

The CSS property to change the border of an element to Android 4292333731 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(215, 208, 163) }
```

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

```
.border{ border-color:rgb(215, 208, 163) }
```

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

Here you see how a box with a 4 pixel rgb(215, 208, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 208, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 208, 163);  
box-shadow:4px 4px 4px 4px rgb(215, 208,  
163) }
```

# Background

The CSS property to change the background color of an element to Android 4292333731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 208, 163) }
```

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

```
.background{ background-color: rgb(215,  
208, 163) }
```

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