

# Converting Colors

Android(4291337830)

Have a look what the booklet for  
Android(4291337830) contains.

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# **Color**

**Android(4291337830)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C89E66
RGB	200, 158, 102
RGB Percent	78%, 62%, 40%
CMY	0.2157, 0.3804, 0.6000
CMYK	0.00, 0.21, 0.49, 0.22
HSL	34°, 47%, 59%
HSV	34°, 49%, 78%
XYZ	38.4446, 37.6924, 17.8195
YIQ	164.1740, 43.0080, -8.5120

# Conversions

## Conversions Part 2

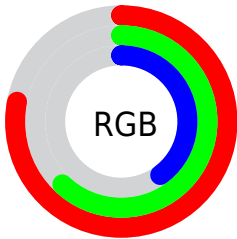
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 200, 102
Decimal	13147750
CIELab	67.79, 8.60, 35.07
CIELCh	68, 36.111, 76.230
Yxy	37.6924, 0.4092, 0.4012
Android (android.graphics.Color)	4291337830 (0xFFC89E66)
YUV	164.1740, -30.6518, 31.4194
Hunter-Lab	61.3941, 4.3357, 25.7671

# Details

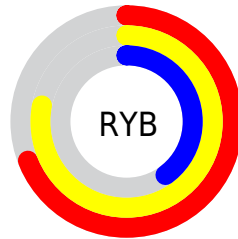
The Android color **4291337830** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **4284911816**, and the grayscale version is **4288980132**.

A 20% lighter version of the original color is **4294956442**, and **4287654709** is the 20% darker color. If you saturate the color by 10%, you get **4291335506**, and if you desaturate by 10%, it is **4291340154**.

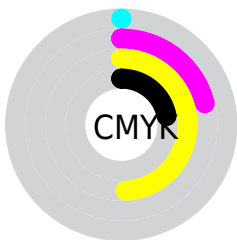
# Distribution



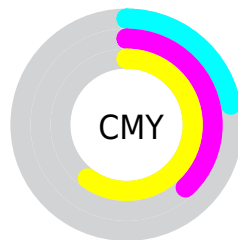
- Red (78%)
- Green (62%)
- Blue (40%)



- Red (69%)
- Yellow (78%)
- Blue (40%)



- Cyan (0%)
- Magenta (21%)
- Yellow (49%)
- Black (22%)



- Cyan (22%)
- Magenta (38%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291337830 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 4291337830 by changing the saturation by 10% instead.





4291337830



4291337830

4294967295



4289496141



4294956442



4287654709



4294963637



4285879070



4294967249



4284103686



4294967277



4282459648



4280750592



4278190080



4291337830




4291337830




4291335506




4291340154


 4291333438

 4291342222


 4291331114

 4291344546

 4291329046


 4291346614

 4291326722


 4291348938

 4291326464

 4291351006

 4291353330

 4291355647

 4291357695

# Harmonies

## Analogous

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



4292776824



4291337830



4289309030

# Triad

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



4291337830



4281251766



4290746066

# Complementary

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



4291337830



4284911816

# 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.



4287865571



4291337830



4280792275

# Square

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



4291337830



4284200597



4284263908



4292578998

# Rectangle

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



4291337830



4287737711



4284263908



4289895130

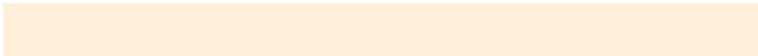


# Sweetspot

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



4291337830



4294963161



4291323536



4286609001



4278190080



4286611584



# Same Dimension

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



4291337830



4294950761



4290889830



4284702554



4288896256



4280554496

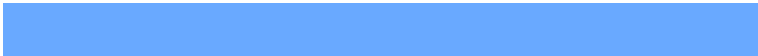


# Inverse Universe

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



4284911816



4285114879



4285359816



4284112483



4278208163



4278193956



# Previews

## White Background



This preview shows how the Android color 4291337830 looks on a white background.

## Color Contrast Check

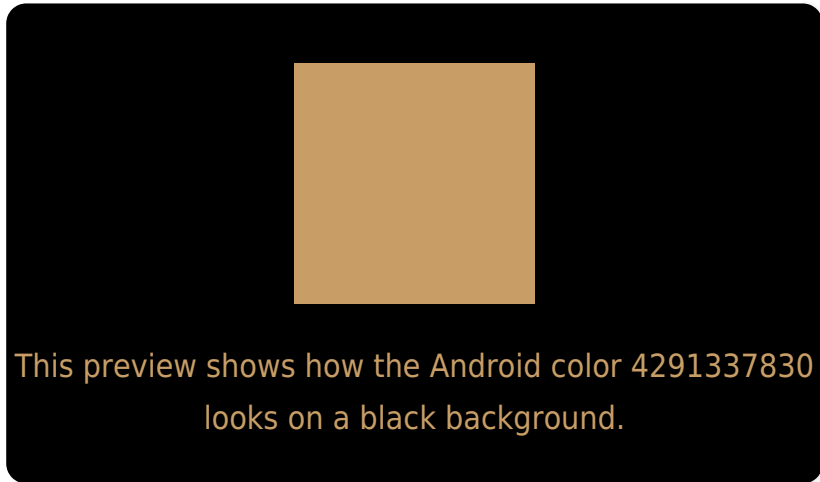
Large Text (above 18pt) WCAG AA × Fail

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 4291337830 Background



This preview shows how black text looks on a background with the Android color 4291337830.



This preview shows how white text looks on a background with the Android color 4291337830.

# 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**  
4291337830

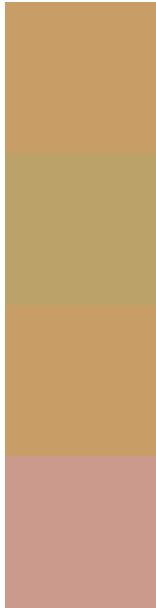
**Protanopia**  
4290028905

**Deuteranopia**  
4291337830



**Tritanopia**  
4291663778

# Trichromacy



**Original Color**  
4291337830

**Protanomaly**  
4290486888

**Deuteranomaly**  
4291337830

**Tritanomaly**  
4291533452

# Monochromacy



**Original Color**  
4291337830

**Achromatopsia**  
4288980132

**Achromatomaly**  
4289831565

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291337830 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(200, 158, 102)` looks like.

```
.text, #text, p{  
    color:rgb(200, 158, 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(200, 158, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 158, 102) }
```

## Border

The CSS property to change the border of an element to Android 4291337830 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(200, 158, 102) }
```

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

```
.border{ border-color:rgb(200, 158, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 158, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 158, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 158, 102);  
box-shadow:4px 4px 4px 4px rgb(200, 158,  
102) }
```

# Background

The CSS property to change the background color of an element to Android 4291337830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 158, 102) }
```

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

```
.background{ background-color: rgb(200,  
158, 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](#).



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