

# Converting Colors

Android(4292257368)

Have a look what the booklet for  
Android(4292257368) contains.

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# **Color**

**Android(4292257368)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6A658
RGB	214, 166, 88
RGB Percent	84%, 65%, 35%
CMY	0.1608, 0.3490, 0.6549
CMYK	0.00, 0.22, 0.59, 0.16
HSL	37°, 61%, 59%
HSV	37°, 59%, 84%
XYZ	43.1292, 42.2732, 15.1189
YIQ	171.4600, 53.6460, -14.0820

# Conversions

## Conversions Part 2

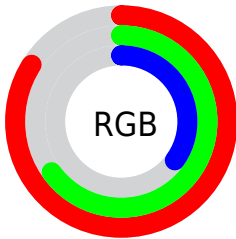
Format	Color
<a href="#">RYB</a>	<a href="#">166, 214, 88</a>
Decimal	<a href="#">14067288</a>
CIELab	<a href="#">71.06, 8.97, 46.54</a>
CIELCh	<a href="#">71, 47.392, 79.093</a>
Yxy	<a href="#">42.2732, 0.4291, 0.4205</a>
Android (android.graphics.Color)	<a href="#">4292257368</a> ( <a href="#">0xFFD6A658</a> )
YUV	<a href="#">171.4600, -41.1458, 37.3076</a>
Hunter-Lab	<a href="#">65.0178, 4.6259, 31.7255</a>

# Details

The Android color `4292257368` is a light color, and the websafe version is hex `CC9933`. The color can be described as light muted orange. A complement of this color would be `4283992278`, and the grayscale version is `4289506476`.

A 20% lighter version of the original color is `4294958476`, and `4288442918` is the 20% darker color. If you saturate the color by 10%, you get `4292255299`, and if you desaturate by 10%, it is `4292259437`.

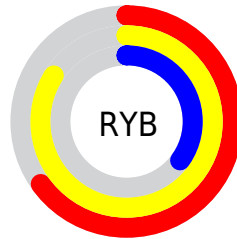
# Distribution



Red (84%)

Green (65%)

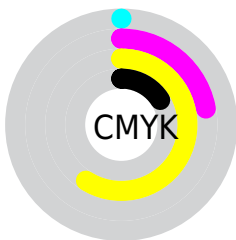
Blue (35%)



Red (65%)

Yellow (84%)

Blue (35%)

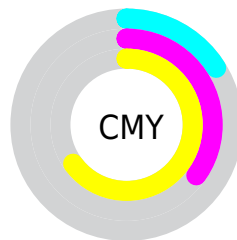


Cyan (0%)

Magenta (22%)

Yellow (59%)

Black (16%)



Cyan (16%)

Magenta (35%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292257368 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 4292257368 by changing the saturation by 10% instead.





4292257368



4292257368

4294967295



4290350143



4294958476



4288442918



4294965671



4286601737



4294967235



4284826368



4294967263



4283051264



4294967292



4281341952



4279762944



4278190080



4292257368



4292257368

4292255299

4292259437

4292253229

4292261507

4292251160

4292263576

4292248834

4292265902

4292248576

4292267971

4292270040

4292272110

4292274175

4292276223

# Harmonies

## Analogous

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



4294219630



4292257368



4289573978

# Triad

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



4292257368



4278240457



4292122855

# Complementary

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



4292257368



4283992278

# 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.



4288260607



4292257368



4278239470

# Square

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



4292257368



4281648028



4282169343



4294413504

# Rectangle

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



4292257368



4287478633



4282169343



4291010289



# Sweetspot

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



4292257368



4294962897



4292237448



4286608739



4278190080



4286611584



# Same Dimension

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



4292257368



4294949450



4291286616



4285228896



4289423872



4281015040



# Inverse Universe

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



4283992278



4283076607



4284963030



4284507243



4278206891



4278194475



# Previews

## White Background



This preview shows how the Android color 4292257368 looks on a white background.

## Color Contrast Check

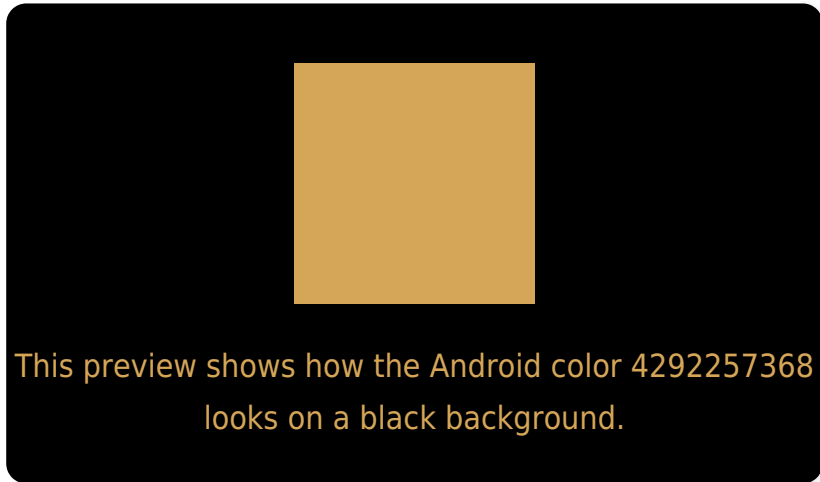
Large Text (above 18pt) WCAG AA × Fail

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 4292257368 Background



This preview shows how black text looks on a background with the Android color 4292257368.



This preview shows how white text looks on a background with the Android color 4292257368.

# 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**  
4292257368

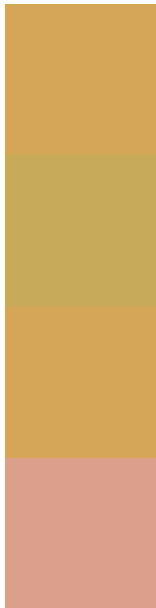
**Protanopia**  
4290817627

**Deuteranopia**  
4292257368



**Tritanopia**  
4292713897

# Trichromacy



**Original Color**  
4292257368

**Protanomaly**  
4291341146

**Deuteranomaly**  
4292257368

**Tritanomaly**  
4292518028

# Monochromacy



**Original Color**  
4292257368

**Achromatopsia**  
4289440683

**Achromatomaly**  
4290488717

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292257368 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(214, 166, 88)` looks like.

```
.text, #text, p{  
    color:rgb(214, 166, 88)  
}
```

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(214, 166, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 166, 88) }
```

## Border

The CSS property to change the border of an element to Android 4292257368 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(214, 166, 88) }
```

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

```
.border{ border-color:rgb(214, 166, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 166, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 166, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 166, 88);  
box-shadow:4px 4px 4px 4px rgb(214, 166,  
88) }
```

# Background

The CSS property to change the background color of an element to Android 4292257368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 166, 88) }
```

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

```
.background{ background-color: rgb(214,  
166, 88) }
```

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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