

# Converting Colors

Android(4292446806)

Have a look what the booklet for  
Android(4292446806) contains.

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# **Color**

**Android(4292446806)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D98A56
RGB	217, 138, 86
RGB Percent	85%, 54%, 34%
CMY	0.1490, 0.4588, 0.6627
CMYK	0.00, 0.36, 0.60, 0.15
HSL	24°, 63%, 59%
HSV	24°, 60%, 85%
XYZ	39.3835, 33.6006, 13.2139
YIQ	155.6930, 63.7760, 0.5760

# Conversions

## Conversions Part 2

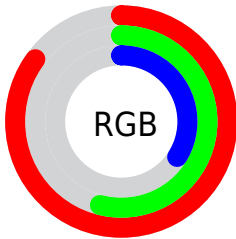
Format	Color
<a href="#">RYB</a>	<a href="#">217, 172, 86</a>
Decimal	<a href="#">14256726</a>
CIELab	<a href="#">64.64, 25.15, 40.02</a>
CIELCh	<a href="#">65, 47.271, 57.850</a>
Yxy	<a href="#">33.6006, 0.4569, 0.3898</a>
Android (android.graphics.Color)	<a href="#">4292446806 (0xFFD98A56)</a>
YUV	<a href="#">155.6930, -34.3586, 53.7662</a>
Hunter-Lab	<a href="#">57.9660, 19.8366, 27.0604</a>

# Details

The Android color `4292446806` is a dark color, and the websafe version is hex `FF9966`. The color can be described as middle muted orange. A complement of this color would be `4283868633`, and the grayscale version is `4288453788`.

A 20% lighter version of the original color is `4294951049`, and `4288567078` is the 20% darker color. If you saturate the color by 10%, you get `4292443456`, and if you desaturate by 10%, it is `4292450156`.

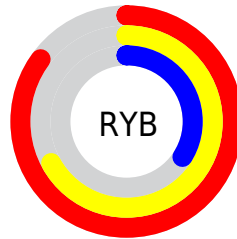
# Distribution



Red (85%)

Green (54%)

Blue (34%)



Red (85%)

Yellow (67%)

Blue (34%)

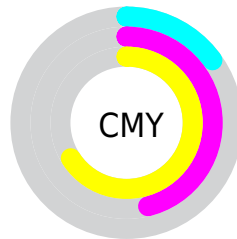


Cyan (0%)

Magenta (36%)

Yellow (60%)

Black (15%)



Cyan (15%)

Magenta (46%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292446806 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 4292446806 by changing the saturation by 10% instead.





4292446806



4292446806

4294967295



4290474046



4294951049



4288567078



4294958244



4286660366



4294965695



4284819456



4294967259



4282978816



4294967288



4281270272



4278517760



4278190080



4292446806



4292446806

 4292443456

 4292450156

 4292440107

 4292453505

 4292436757

 4292456855

 4292433408

 4292460205

 4292463555

 4292467160

 4292470510

 4292473855

 4292476927

# Harmonies

## Analogous

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



4293623160



4292446806



4290287942

# Triad

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



4292446806



4278235800



4288386024

# Complementary

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



4292446806



4283868633

# 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.



4282950385



4292446806



4278235843

# Square

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



4292446806



4284067438



4278234595



4291724234

# Rectangle

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



4292446806



4288520777



4278234595



4286879981

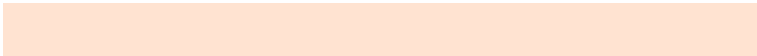


# Sweetspot

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



4292446806



4294960081



4292433575



4286607203



4278190080



4286611584



# Same Dimension

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



4292446806



4294938695



4292463190



4285425507



4289545472



4281209344



# Inverse Universe

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



4283868633



4282889983



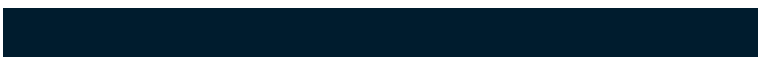
4283852249



4284705134



4278217133



4278197294



# Previews

## White Background



This preview shows how the Android color 4292446806 looks on a white background.

## Color Contrast Check

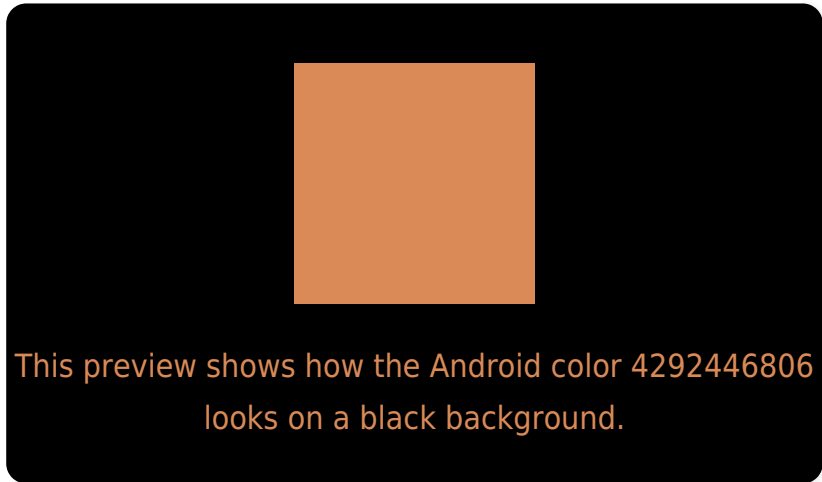
Large Text (above 18pt) WCAG AA × Fail

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

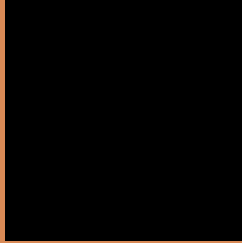
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4292446806 Background



This preview shows how black text looks on a background with the Android color 4292446806.



This preview shows how white text looks on a background with the Android color 4292446806.

# 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





**Tritanopia**  
4292707213

# Trichromacy



**Original Color**  
4292446806

**Protanomaly**  
4290549338

**Deuteranomaly**  
4291465812

**Tritanomaly**  
4292642425

# Monochromacy



**Original Color**  
4292446806

**Achromatopsia**  
4288453788

**Achromatomaly**  
4289893763

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292446806 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(217, 138, 86)` looks like.

```
.text, #text, p{  
    color:rgb(217, 138, 86)  
}
```

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(217, 138, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 138, 86) }
```

## Border

The CSS property to change the border of an element to Android 4292446806 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(217, 138, 86) }
```

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

```
.border{ border-color:rgb(217, 138, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 138, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 138, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 138, 86);  
box-shadow:4px 4px 4px 4px rgb(217, 138,  
86) }
```

# Background

The CSS property to change the background color of an element to Android 4292446806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 138, 86) }
```

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

```
.background{ background-color: rgb(217,  
138, 86) }
```

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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