

# Converting Colors

Android(4292644177)

Have a look what the booklet for  
Android(4292644177) contains.

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# **Color**

**Android(4292644177)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DC8D51
RGB	220, 141, 81
RGB Percent	86%, 55%, 32%
CMY	0.1373, 0.4471, 0.6824
CMYK	0.00, 0.36, 0.63, 0.14
HSL	26°, 67%, 59%
HSV	26°, 63%, 86%
XYZ	40.5253, 34.8595, 12.3772
YIQ	157.7810, 66.3440, -1.9120

# Conversions

## Conversions Part 2

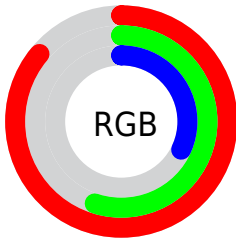
Format	Color
R <sub>Y</sub> B	220, 187, 81
Decimal	14454097
CIE Lab	65.64, 24.43, 43.87
CIE LCh	66, 50.219, 60.885
Yxy	34.8595, 0.4618, 0.3972
Android (android.graphics.Color)	4292644177 (0xFFDC8D51)
YUV	157.7810, -37.8530, 54.5661
Hunter-Lab	59.0419, 19.1957, 28.9001

# Details

The Android color `4292644177` 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 `4283539676`, and the grayscale version is `4288585374`.

A 20% lighter version of the original color is `4294951812`, and `4288764448` is the 20% darker color. If you saturate the color by 10%, you get `4292640827`, and if you desaturate by 10%, it is `4292647527`.

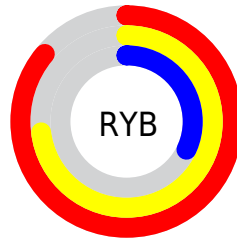
# Distribution



Red (86%)

Green (55%)

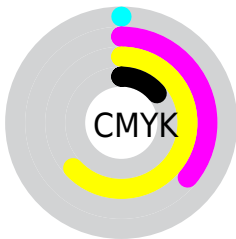
Blue (32%)



Red (86%)

Yellow (73%)

Blue (32%)

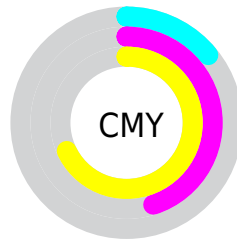


Cyan (0%)

Magenta (36%)

Yellow (63%)

Black (14%)



Cyan (14%)

Magenta (45%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292644177 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 4292644177 by changing the saturation by 10% instead.





4292644177



4292644177

4294967295



4290671417



4294951812



4288764448



4294959007



4286857733



4294966458



4285016832



4294967254



4283110656



4294967283



4281401344



4279107584



4278190080



4292644177



4292644177

4292640827

4292647527

4292637733

4292650621

4292634383

4292653971

4292632320

4292657065

4292660415

4292663509

4292666859

4292669951

4292673279

# Harmonies

## Analogous

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



4294016628



4292644177



4290288962

# Triad

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



4292644177



4278236831



4288975853

# Complementary

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



4292644177



4283539676

# 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.



4283213049



4292644177



4278236620

# Square

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



4292644177



4283413106



4278235117



4292379340

# Rectangle

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



4292644177



4288390983



4278235117



4287404532

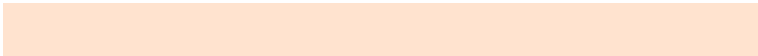


# Sweetspot

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



4292644177



4294960079



4292628898



4286607202



4278190080



4286611584



# Same Dimension

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



4292644177



4294938941



4292661329



4285425507



4289547008



4281209856



# Inverse Universe

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



4283539676



4282231807



4283522524



4284705134



4278215597



4278196782



# Previews

## White Background



This preview shows how the Android color 4292644177 looks on a white background.

## Color Contrast Check

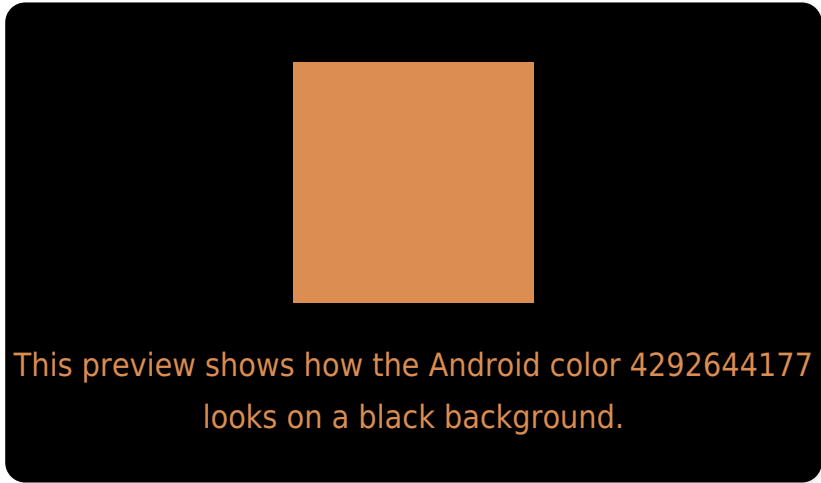
Large Text (above 18pt) WCAG AA × Fail

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

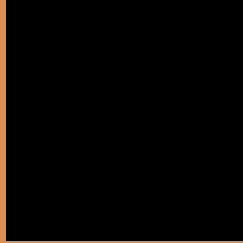
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4292644177 Background



This preview shows how black text looks on a background with the Android color 4292644177.



This preview shows how white text looks on a background with the Android color 4292644177.

# 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**

4292644177

**Protanopia**

4289765463

**Deuteranopia**

4291139662



**Tritanopia**  
4292904592

# Trichromacy



**Original Color**  
4292644177

**Protanomaly**  
4290812245

**Deuteranomaly**  
4291662927

**Tritanomaly**  
4292839801

# Monochromacy



**Original Color**  
4292644177

**Achromatopsia**  
4288585374

**Achromatomaly**  
4290091138

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292644177 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(220, 141, 81)` looks like.

```
.text, #text, p{  
    color:rgb(220, 141, 81)  
}
```

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(220, 141, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 141, 81) }
```

## Border

The CSS property to change the border of an element to Android 4292644177 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(220, 141, 81) }
```

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

```
.border{ border-color:rgb(220, 141, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 141, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 141, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 141, 81);  
box-shadow:4px 4px 4px 4px rgb(220, 141,  
81) }
```

# Background

The CSS property to change the background color of an element to Android 4292644177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 141, 81) }
```

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

```
.background{ background-color: rgb(220,  
141, 81) }
```

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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