

# Converting Colors

Android(4292454756)

Have a look what the booklet for  
Android(4292454756) contains.

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# **Color**

**Android(4292454756)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9A964
RGB	217, 169, 100
RGB Percent	85%, 66%, 39%
CMY	0.1490, 0.3373, 0.6078
CMYK	0.00, 0.22, 0.54, 0.15
HSL	35°, 61%, 62%
HSV	35°, 54%, 85%
XYZ	45.1035, 44.0477, 18.1814
YIQ	175.4860, 50.7570, -11.2830

# Conversions

## Conversions Part 2

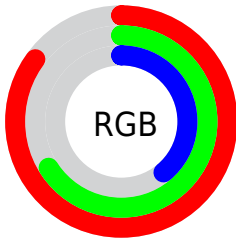
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 217, 100
Decimal	14264676
CIE <sub>Lab</sub>	72.26, 9.56, 42.04
CIE <sub>LCh</sub>	72, 43.114, 77.184
Yxy	44.0477, 0.4202, 0.4104
Android (android.graphics.Color)	4292454756 (0xFFD9A964)
YUV	175.4860, -37.2146, 36.4078
Hunter-Lab	66.3685, 5.1623, 30.2156

# Details

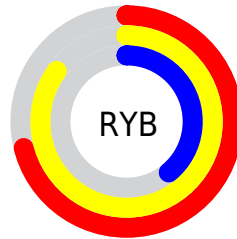
The Android color **4292454756** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **4284781785**, and the grayscale version is **4289769648**.

A 20% lighter version of the original color is **4294959256**, and **4288640307** is the 20% darker color. If you saturate the color by 10%, you get **4292452430**, and if you desaturate by 10%, it is **4292457082**.

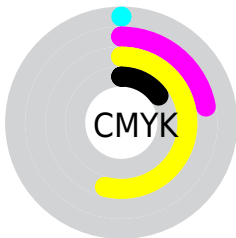
# Distribution



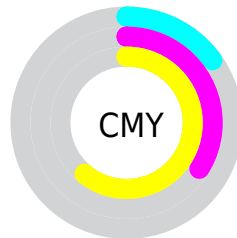
- Red (85%)
- Green (66%)
- Blue (39%)



- Red (71%)
- Yellow (85%)
- Blue (39%)



- Cyan (0%)
- Magenta (22%)
- Yellow (54%)
- Black (15%)



- Cyan (15%)
- Magenta (34%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292454756 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 4292454756 by changing the saturation by 10% instead.





4292454756



4292454756

4294967295



4290547531



4294959256



4288640307



4294966707



4286799130



4294967247



4285023488



4294967276



4283313920



4281539072



4280025088



4278190080



4292454756



4292454756

4292452430

4292457082

4292450105

4292459407

4292447779

4292461733

4292445453

4292464059

4292444160

4292466385

4292468454

4292470780

4292473087

4292475391

# Harmonies

## Analogous

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



4294155129



4292454756



4290033252

# Triad

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



4292454756



4278240967



4291993575

# Complementary

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



4292454756



4284781785

# 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.



4288392700



4292454756



4278239978

# Square

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



4292454756



4283483550



4283546365



4294153412

# Rectangle

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



4292454756



4288134513



4283546365



4290946032

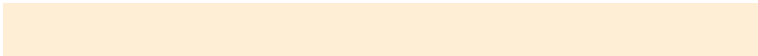


# Sweetspot

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



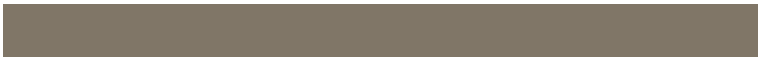
4292454756



4294962902



4292437141



4286608999



4278190080



4286611584



# Same Dimension

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



4292454756



4294949721



4291811684



4285426019



4289553920



4281211648

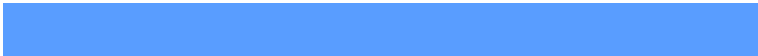


# Inverse Universe

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



4284781785



4284063231



4285424857



4284704622



4278208429

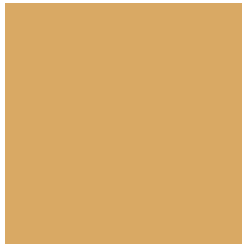


4278194990



# Previews

## White Background



This preview shows how the Android color 4292454756 looks on a white background.

## Color Contrast Check

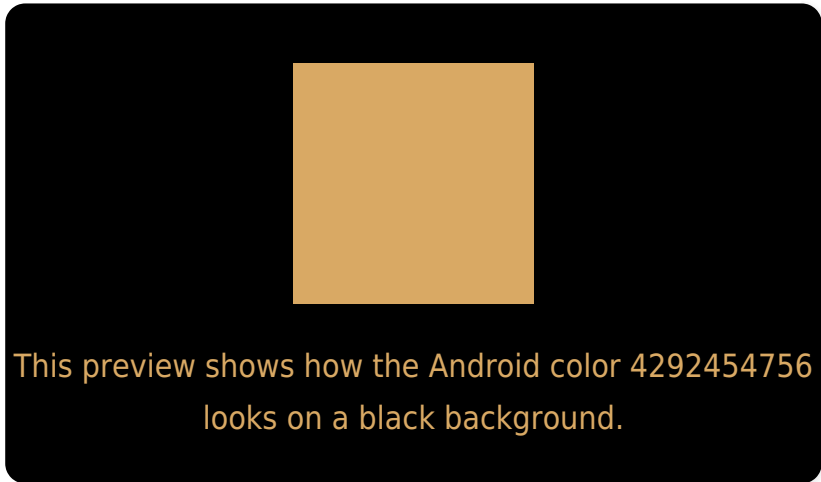
Large Text (above 18pt) WCAG AA × Fail

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

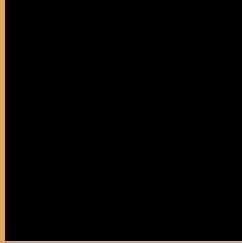
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4292454756 Background



This preview shows how black text looks on a background with the Android color 4292454756.



This preview shows how white text looks on a background with the Android color 4292454756.

# 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**  
4292454756

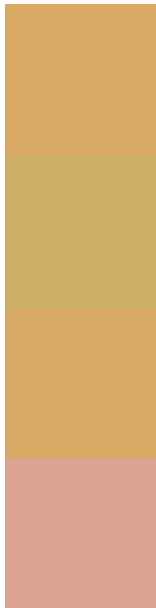
**Protanopia**  
4291015271

**Deuteranopia**  
4292389220



**Tritanopia**  
4292845741

# Trichromacy



**Original Color**  
4292454756

**Protanomaly**  
4291538790

**Deuteranomaly**  
4292389220

**Tritanomaly**  
4292715410

# Monochromacy



**Original Color**  
4292454756

**Achromatopsia**  
4289703855

**Achromatomaly**  
4290686356

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292454756 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, 169, 100)` looks like.

```
.text, #text, p{  
    color:rgb(217, 169, 100)  
}
```

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, 169, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 169, 100) }
```

## Border

The CSS property to change the border of an element to Android 4292454756 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, 169, 100) }
```

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

```
.border{ border-color:rgb(217, 169, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 169, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 169, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 169, 100);  
box-shadow:4px 4px 4px 4px rgb(217, 169,  
100) }
```

# Background

The CSS property to change the background color of an element to Android 4292454756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 169, 100) }
```

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

```
.background{ background-color: rgb(217,  
169, 100) }
```

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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