

# Converting Colors

Android(4292526705)

Have a look what the booklet for  
Android(4292526705) contains.

<b>Android(4292526705)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4292526705)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAC271
RGB	218, 194, 113
RGB Percent	85%, 76%, 44%
CMY	0.1451, 0.2392, 0.5569
CMYK	0.00, 0.11, 0.48, 0.15
HSL	46°, 59%, 65%
HSV	46°, 48%, 85%
XYZ	51.1859, 54.6813, 23.4795
YIQ	191.9420, 40.3050, -20.1030

# Conversions

## Conversions Part 2

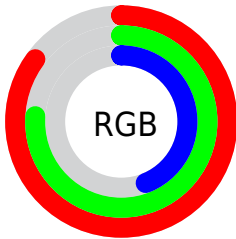
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 218, 113
Decimal	14336625
CIELab	78.86, -2.07, 43.61
CIELCh	79, 43.663, 92.723
Yxy	54.6813, 0.3957, 0.4227
Android (android.graphics.Color)	4292526705 (0xFFDAC271)
YUV	191.9420, -38.9184, 22.8529
Hunter-Lab	73.9468, -5.8494, 32.9370

# Details

The Android color **4292526705** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **4285630938**, and the grayscale version is **4290822336**.

A 20% lighter version of the original color is **4294965926**, and **4288777534** is the 20% darker color. If you saturate the color by 10%, you get **4292525403**, and if you desaturate by 10%, it is **4292528007**.

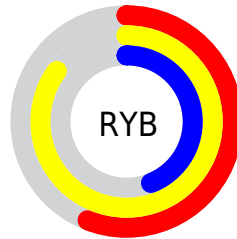
# Distribution



Red (85%)

Green (76%)

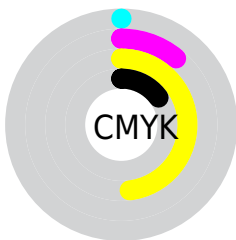
Blue (44%)



Red (56%)

Yellow (85%)

Blue (44%)

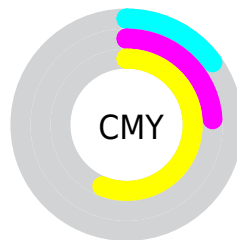


Cyan (0%)

Magenta (11%)

Yellow (48%)

Black (15%)



Cyan (15%)

Magenta (24%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292526705 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 4292526705 by changing the saturation by 10% instead.





4292526705



4292526705

4294967295



4290619223



4294965926



4288777534



4294967234



4286935846



4294967262



4285225738



4294967291



4283515904



4281806336



4280228096



4278190080



4292526705



4292526705

4292525403

4292528007

4292524101

4292529309

4292522800

4292530610

4292521498

4292531912

4292520196

4292533214

4292519936

4292534516

4292535807

4292537087

4292538367

# Harmonies

## Analogous

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



4294751356



4292526705



4289711741

# Triad

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



4292526705



4278245358



4294552297

# Complementary

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



4292526705



4285630938

# 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.



4291672063



4292526705



4282241535

# Square

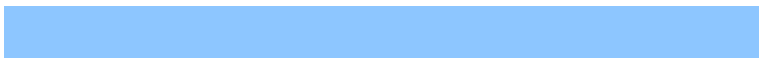
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4292526705



4282440134



4287481599



4294943681

# Rectangle

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



4292526705



4287615889



4287481599



4293766901



# Sweetspot

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



4292526705



4294965211



4292505994



4286610282



4278190080



4286611584



# Same Dimension

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



4292526705



4294958443



4290697841



4285426531



4289562112



4281213696



# Inverse Universe

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



4285630938



4285238783



4287459802



4284704110



4278200493

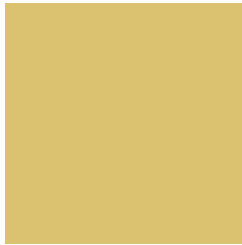


4278192686



# Previews

## White Background



This preview shows how the Android color 4292526705 looks on a white background.

## Color Contrast Check

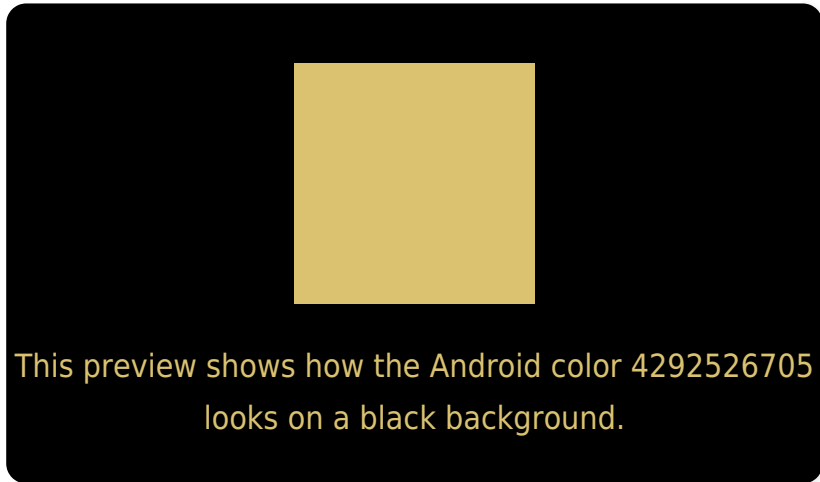
Large Text (above 18pt) WCAG AA × Fail

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

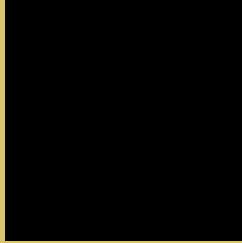
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4292526705 Background



This preview shows how black text looks on a background with the Android color 4292526705.

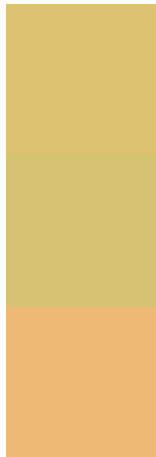


This preview shows how white text looks on a background with the Android color 4292526705.

# 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**  
4292526705

**Protanopia**  
4292264817

**Deuteranopia**  
4293769843



**Tritanopia**  
4293048518

# Trichromacy



**Original Color**  
4292526705

**Protanomaly**  
4292330353

**Deuteranomaly**  
4293311858

**Tritanomaly**  
4292852903

# Monochromacy



**Original Color**  
4292526705

**Achromatopsia**  
4290822336

**Achromatomaly**  
4291412387

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292526705 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(218, 194, 113)` looks like.

```
.text, #text, p{  
    color:rgb(218, 194, 113)  
}
```

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(218, 194, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 194, 113) }
```

## Border

The CSS property to change the border of an element to Android 4292526705 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(218, 194, 113) }
```

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

```
.border{ border-color:rgb(218, 194, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 194, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 194, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 194, 113);  
box-shadow:4px 4px 4px 4px rgb(218, 194,  
113) }
```

# Background

The CSS property to change the background color of an element to Android 4292526705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 194, 113) }
```

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

```
.background{ background-color: rgb(218,  
194, 113) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor