

# Converting Colors

Android(4291673975)

Have a look what the booklet for  
Android(4291673975) contains.

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# **Color**

**Android(4291673975)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDBF77
RGB	205, 191, 119
RGB Percent	80%, 75%, 47%
CMY	0.1961, 0.2510, 0.5333
CMYK	0.00, 0.07, 0.42, 0.20
HSL	50°, 46%, 64%
HSV	50°, 42%, 80%
XYZ	47.1374, 51.5726, 24.9229
YIQ	186.9780, 31.4560, -19.4240

# Conversions

## Conversions Part 2

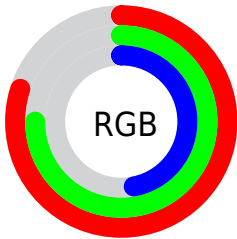
Format	Color
<b>RYB</b>	136, 205, 119
Decimal	13483895
CIELab	77.02, -5.20, 38.05
CIELCh	77, 38.398, 97.776
Yxy	51.5726, 0.3813, 0.4171
Android (android.graphics.Color)	4291673975 (0xFFCDBF77)
YUV	186.9780, -33.5132, 15.8053
Hunter-Lab	71.8141, -8.5107, 29.6934

# Details

The Android color `4291673975` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `4286023117`, and the grayscale version is `4290493371`.

A 20% lighter version of the original color is `4294965164`, and `4287990341` is the 20% darker color. If you saturate the color by 10%, you get `4291673187`, and if you desaturate by 10%, it is `4291674763`.

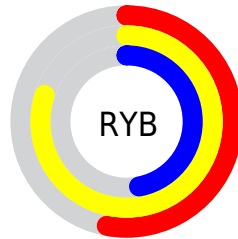
# Distribution



Red (80%)

Green (75%)

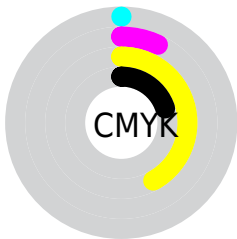
Blue (47%)



Red (53%)

Yellow (80%)

Blue (47%)

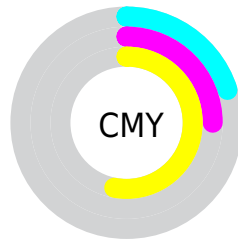


Cyan (0%)

Magenta (7%)

Yellow (42%)

Black (20%)



Cyan (20%)

Magenta (25%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291673975 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 4291673975 by changing the saturation by 10% instead.



 4291673975

 4291673975

4294967295

 4289832030

 4294965164

 4287990341

 4294967240

 4286214189

 4294967268

 4284504084

 4282859776

 4281281280

 4279637760

 4278190080

 4291673975

 4291673975

■ 4291673187

■ 4291674763

■ 4291672142

■ 4291675808

■ 4291671354

■ 4291676597

■ 4291670565

■ 4291677385

■ 4291669520

■ 4291678430

■ 4291668992

■ 4291679218

■ 4291679999

■ 4291681023

■ 4291681791

# Harmonies

## Analogous

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



4293702525



4291673975



4289120645

# Triad

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



4291673975



4281913577



4294158298

# Complementary

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



4291673975



4286023117

# 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.



4291801846



4291673975



4284598783

# Square

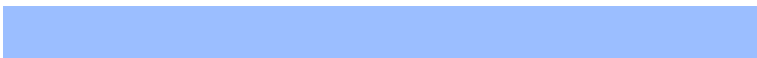
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4291673975



4283355591



4288397055



4294943670

# Rectangle

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



4291673975



4287286935



4288397055



4293503717

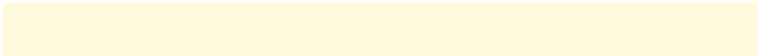


# Sweetspot

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



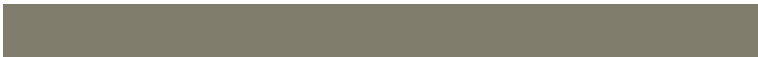
4291673975



4294965982



4291655557



4286610539



4278190080



4286611584



# Same Dimension

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



4291673975



4294961792



4289777015



4284900444



4289104640



4280688640



# Inverse Universe

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



4286023117



4286616831



4287920077



4284243302



4278197158



4278191654



# Previews

## White Background



This preview shows how the Android color 4291673975 looks on a white background.

## Color Contrast Check

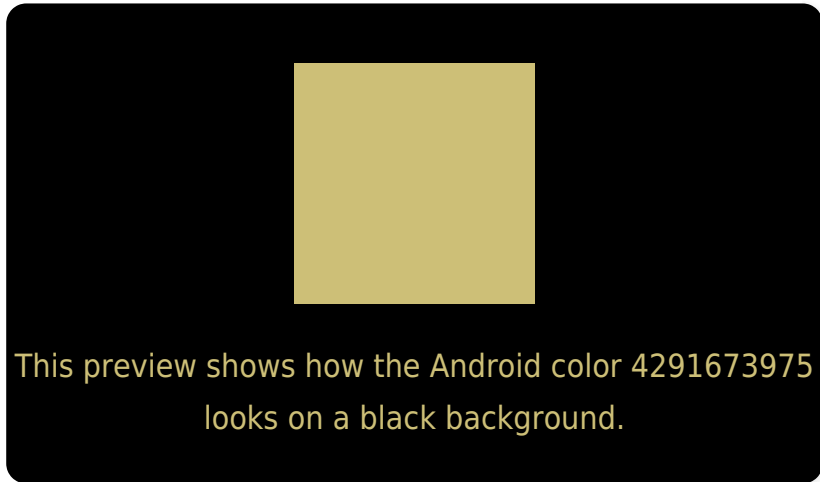
Large Text (above 18pt) WCAG AA × Fail

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 4291673975 Background



This preview shows how black text looks on a background with the Android color 4291673975.

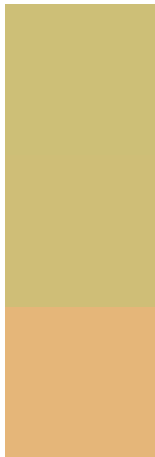


This preview shows how white text looks on a background with the Android color 4291673975.

# 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**  
4291673975

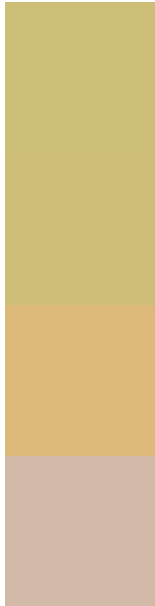
**Protanopia**  
4291804791

**Deuteranopia**  
4293244537



**Tritanopia**  
4292196036

# Trichromacy



**Original Color**  
4291673975

**Protanomaly**  
4291739255

**Deuteranomaly**  
4292655480

**Tritanomaly**  
4292000168

# Monochromacy



**Original Color**  
4291673975

**Achromatopsia**  
4290493371

**Achromatomaly**  
4290952354

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291673975 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(205, 191, 119)` looks like.

```
.text, #text, p{  
    color:rgb(205, 191, 119)  
}
```

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(205, 191, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 191, 119) }
```

## Border

The CSS property to change the border of an element to Android 4291673975 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(205, 191, 119) }
```

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

```
.border{ border-color:rgb(205, 191, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 191, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 191, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 191, 119);  
box-shadow:4px 4px 4px 4px rgb(205, 191,  
119) }
```

# Background

The CSS property to change the background color of an element to Android 4291673975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 191, 119) }
```

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

```
.background{ background-color: rgb(205,  
191, 119) }
```

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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