

# Converting Colors

Android(4292005009)

Have a look what the booklet for  
Android(4292005009) contains.

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# **Color**

**Android(4292005009)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2CC91
RGB	210, 204, 145
RGB Percent	82%, 80%, 57%
CMY	0.1765, 0.2000, 0.4314
CMYK	0.00, 0.03, 0.31, 0.18
HSL	54°, 42%, 70%
HSV	54°, 31%, 82%
XYZ	53.2820, 58.9317, 35.3548
YIQ	199.0680, 22.5150, -17.0770

# Conversions

## Conversions Part 2

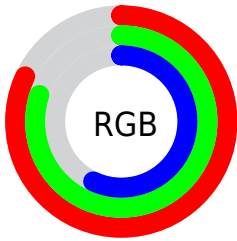
Format	Color
<a href="#">RYB</a>	<a href="#">152, 210, 145</a>
Decimal	<a href="#">13814929</a>
CIELab	<a href="#">81.25, -6.93, 30.21</a>
CIELCh	<a href="#">81, 30.998, 102.911</a>
Yxy	<a href="#">58.9317, 0.3611, 0.3994</a>
Android (android.graphics.Color)	<a href="#">4292005009 (0xFFD2CC91)</a>
YUV	<a href="#">199.0680, -26.6555, 9.5874</a>
Hunter-Lab	<a href="#">76.7670, -10.4498, 26.4311</a>

# Details

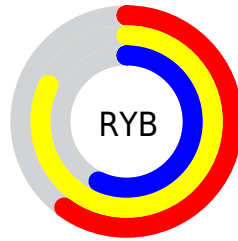
The Android color `4292005009` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `4287731666`, and the grayscale version is `4291282887`.

A 20% lighter version of the original color is `4294967239`, and `4288386654` is the 20% darker color. If you saturate the color by 10%, you get `4292004476`, and if you desaturate by 10%, it is `4292005542`.

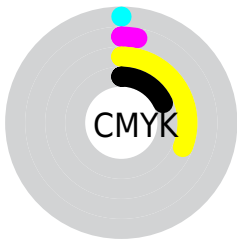
# Distribution



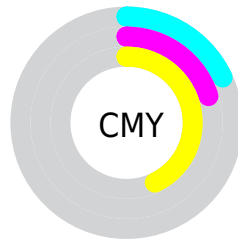
- Red (82%)
- Green (80%)
- Blue (57%)



- Red (60%)
- Yellow (82%)
- Blue (57%)



- Cyan (0%)
- Magenta (3%)
- Yellow (31%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292005009 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 4292005009 by changing the saturation by 10% instead.





4292005009



4292005009

4294967295



4290163063



4294967239



4288386654



4294967268



4286610502



4284900142



4283255831



4281677056



4280229888



4278192384



4278190080

 4292005009

 4292005009

 4292004476

 4292005542

 4292003943

 4292006075

 4292003410

 4292006608

 4292002877

 4292007141

 4292002344

 4292007674

 4292001811

 4292008191

 4292001536

 4292008703

 4292009215

 4292009471

# Harmonies

## Analogous

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



4293837459



4292005009



4289844383

# Triad

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



4292005009



4285847792



4294555356

# Complementary

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



4292005009



4287731666

# 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.



4292787956



4292005009



4287549951

# Square

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



4292005009



4286044886



4290234623



4294948286

# Rectangle

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



4292005009



4288403631



4290234623



4294097381



# Sweetspot

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



4292005009



4294966760



4291989912



4286611057



4278190080



4286611584



# Same Dimension

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



4292005009



4294964897



4290302609



4285098078



4289239296



4280886528



# Inverse Universe

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



4287731666



4288784895



4289434066



4284374889



4278194344



4278191145



# Previews

## White Background



This preview shows how the Android color 4292005009 looks on a white background.

## Color Contrast Check

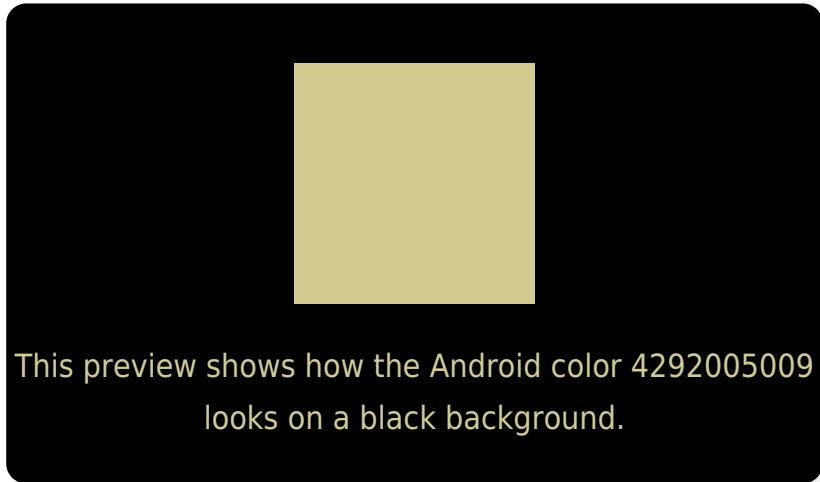
Large Text (above 18pt) WCAG AA × Fail

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

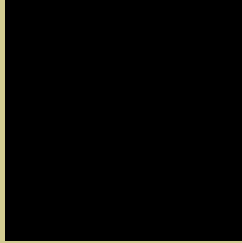
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

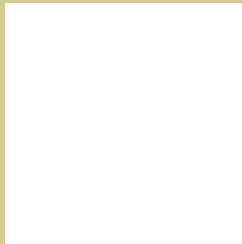
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4292005009 Background



This preview shows how black text looks on a background with the Android color 4292005009.



This preview shows how white text looks on a background with the Android color 4292005009.

# 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**  
4292005009

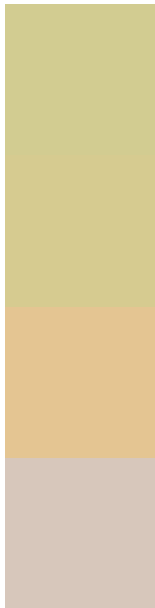
**Protanopia**  
4292463248

**Deuteranopia**  
4293902739



**Tritanopia**  
4292527315

# Trichromacy



**Original Color**  
4292005009

**Protanomaly**  
4292266896

**Deuteranomaly**  
4293182866

**Tritanomaly**  
4292331451

# Monochromacy



**Original Color**  
4292005009

**Achromatopsia**  
4291282887

**Achromatomaly**  
4291545523

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292005009 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(210, 204, 145)` looks like.

```
.text, #text, p{  
    color:rgb(210, 204, 145)  
}
```

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(210, 204, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 204, 145) }
```

## Border

The CSS property to change the border of an element to Android 4292005009 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(210, 204, 145) }
```

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

```
.border{ border-color:rgb(210, 204, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 204, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 204, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 204, 145);  
box-shadow:4px 4px 4px 4px rgb(210, 204,  
145) }
```

# Background

The CSS property to change the background color of an element to Android 4292005009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 204, 145) }
```

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

```
.background{ background-color: rgb(210,  
204, 145) }
```

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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