

# Converting Colors

Android(4291874505)

Have a look what the booklet for  
Android(4291874505) contains.

<b>Android(4291874505)</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(4291874505)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0CEC9
RGB	208, 206, 201
RGB Percent	82%, 81%, 79%
CMY	0.1843, 0.1922, 0.2118
CMYK	0.00, 0.01, 0.03, 0.18
HSL	43°, 7%, 80%
HSV	43°, 3%, 82%
XYZ	58.6263, 61.7696, 64.0911
YIQ	206.0280, 2.7970, -1.1310

# Conversions

## Conversions Part 2

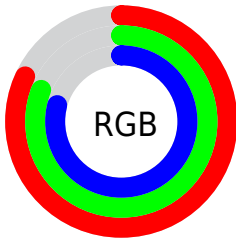
Format	Color
<a href="#">RYB</a>	<a href="#">204, 208, 201</a>
Decimal	<a href="#">13684425</a>
CIELab	<a href="#">82.79, -0.20, 2.72</a>
CIElCh	<a href="#">83, 2.723, 94.267</a>
Yxy	<a href="#">61.7696, 0.3178, 0.3348</a>
Android (android.graphics.Color)	<a href="#">4291874505</a> ( <a href="#">0xFFD0CEC9</a> )
YUV	<a href="#">206.0280, -2.4788, 1.7294</a>
Hunter-Lab	<a href="#">78.5936, -4.3880, 6.6660</a>

# Details

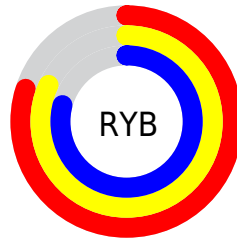
The Android color `4291874505` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `4291414992`, and the grayscale version is `4291743438`.

A 20% lighter version of the original color is `4294967295`, and `4288321683` is the 20% darker color. If you saturate the color by 10%, you get `4291872948`, and if you desaturate by 10%, it is `4291876062`.

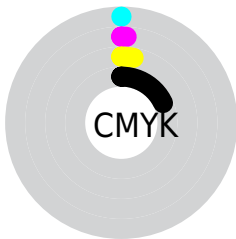
# Distribution



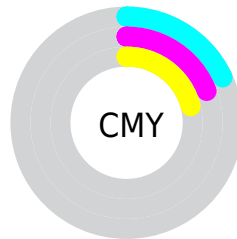
- Red (82%)
- Green (81%)
- Blue (79%)



- Red (80%)
- Yellow (82%)
- Blue (79%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (18%)



- Cyan (18%)
- Magenta (19%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291874505 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 4291874505 by changing the saturation by 10% instead.



■ 4291874505

■ 4291874505

4294967295

■ 4290032558

■ 4288321683

■ 4286611065

■ 4284966241

■ 4283387209

■ 4281873970

■ 4280426781

■ 4279044612

■ 4278190080

 4291874505

 4291874505

 4291872948

 4291876062

 4291871391

 4291877619


 4291869835

 4291879167


 4291868278

 4291880703

 4291866721


 4291882239

 4291865164

 4291883775

 4291863607

 4291885311

 4291862051

 4291886847

 4291860750

 4291887103

# Harmonies

## Analogous

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



4292005322



4291874505



4291678154

# Triad

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



4291874505



4291350737



4292005328

# Complementary

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



4291874505



4291414992

# 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.



4291808722



4291874505



4291416019

# Square

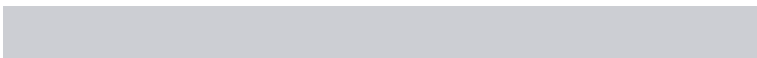
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4291874505



4291350734



4291612371



4292136142

# Rectangle

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



4291874505



4291547083



4291612371



4291939793



# Sweetspot

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



4291874505



4294967036



4291873227



4286611326



4278190080



4286611584

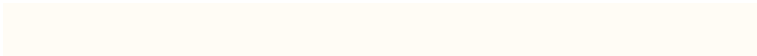


# Same Dimension

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



4291874505



4294966517



4291809481



4285097827



4289230848

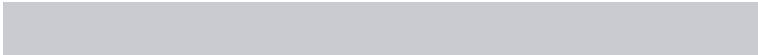


4280884480

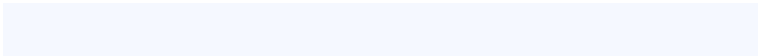


# Inverse Universe

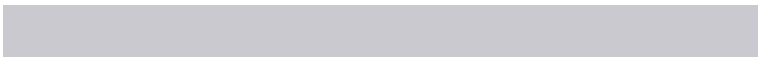
The Inverse Universe completely reimagines the original color for something new.



4291414992



4294310143



4291480016



4284704105



4278202536

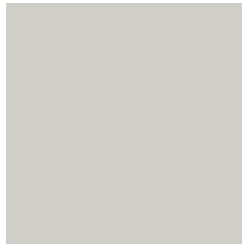


4278193193



# Previews

## White Background



This preview shows how the Android color 4291874505 looks on a white background.

## Color Contrast Check

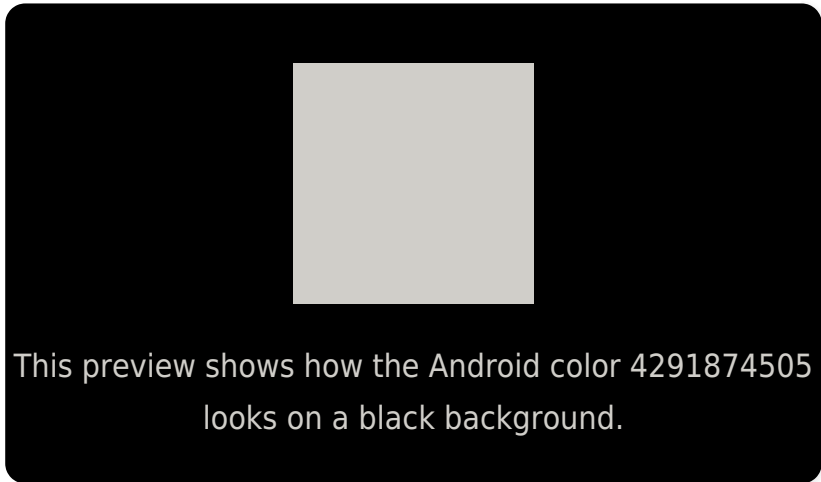
Large Text (above 18pt) WCAG AA × Fail

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

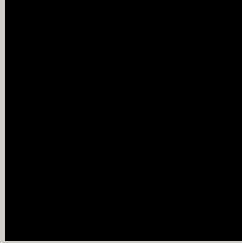
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

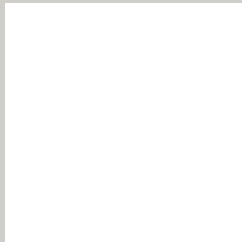
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4291874505 Background



This preview shows how black text looks on a background with the Android color 4291874505.

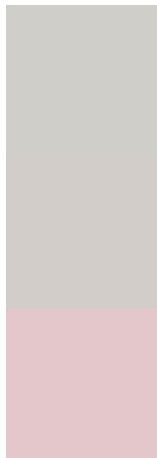


This preview shows how white text looks on a background with the Android color 4291874505.

# 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**  
4291874505

**Protanopia**  
4292070857

**Deuteranopia**  
4293117898



# Trichromacy



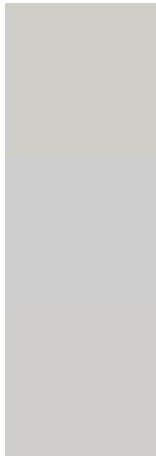
**Original Color**  
4291874505

**Protanomaly**  
4292005321

**Deuteranomaly**  
4292659914

**Tritanomaly**  
4292005076

# Monochromacy



**Original Color**  
4291874505

**Achromatopsia**  
4291743438

**Achromatomaly**  
4291808972

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291874505 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(208, 206, 201)` looks like.

```
.text, #text, p{  
    color:rgb(208, 206, 201)  
}
```

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(208, 206, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 206, 201) }
```

## Border

The CSS property to change the border of an element to Android 4291874505 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(208, 206, 201) }
```

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

```
.border{ border-color:rgb(208, 206, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 206, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 206, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 206, 201);  
box-shadow:4px 4px 4px 4px rgb(208, 206,  
201) }
```

# Background

The CSS property to change the background color of an element to Android 4291874505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 206, 201) }
```

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

```
.background{ background-color: rgb(208,  
206, 201) }
```

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