

# Converting Colors

Android(4290893950)

Have a look what the booklet for  
Android(4290893950) contains.

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# **Color**

**Android(4290893950)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1D87E
RGB	193, 216, 126
RGB Percent	76%, 85%, 49%
CMY	0.2431, 0.1529, 0.5059
CMYK	0.11, 0.00, 0.42, 0.15
HSL	75°, 54%, 67%
HSV	75°, 42%, 85%
XYZ	50.3141, 61.9555, 29.0454
YIQ	198.8630, 15.1820, -32.8660

# Conversions

## Conversions Part 2

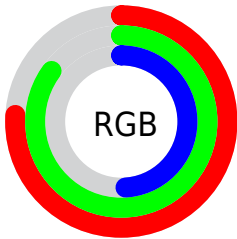
<b>Format</b>	<b>Color</b>
<b>RYB</b>	126, 216, 149
Decimal	12703870
CIELab	82.89, -21.78, 41.75
CIElCh	83, 47.091, 117.547
Yxy	61.9555, 0.3560, 0.4384
Android (android.graphics.Color)	4290893950 (0xFFC1D87E)
YUV	198.8630, -35.9215, -5.1419
Hunter-Lab	78.7118, -23.6452, 33.2197

# Details

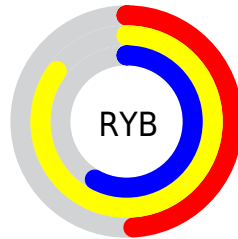
The Android color `4290893950` is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be `4287987416`, and the grayscale version is `4291282887`.

A 20% lighter version of the original color is `4294705076`, and `4287275339` is the 20% darker color. If you saturate the color by 10%, you get `4290500712`, and if you desaturate by 10%, it is `4291287188`.

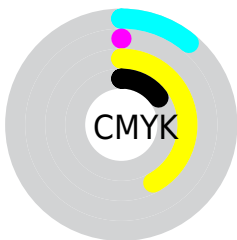
# Distribution



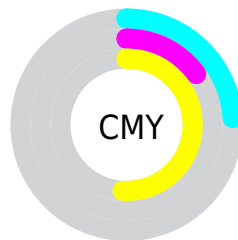
- Red (76%)
- Green (85%)
- Blue (49%)



- Red (49%)
- Yellow (85%)
- Blue (58%)



- Cyan (11%)
- Magenta (0%)
- Yellow (42%)
- Black (15%)



- Cyan (24%)
- Magenta (15%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290893950 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 4290893950 by changing the saturation by 10% instead.





4290893950



4290893950

4294967295



4289051748



4294705076



4287275339



4294967248



4285499186



4294967277



4283854360



4282209536



4280630784



4278855680



4278194688



4278190080

4290893950

4290893950

4290500712

4291287188

4290173011

4291614889

4289779773

4292008127

4289452072

4292335828

4289058834

4292729066

4288796672

4293056767

4293449983

4293777663

4294170879

# Harmonies

## Analogous

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



4293839733



4290893950



4287422877

# Triad

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



4290893950



4279361535



4294946004

# Complementary

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



4290893950



4287987416

# 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.



4294948095



4290893950



4286895359

# Square

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



4290893950



4278248950



4291740927



4294946472

# Rectangle

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



4290893950



4284671418



4291740927



4294946275

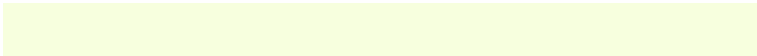


# Sweetspot

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



4290893950



4294442974



4292384126



4286218347



4278190080



4286611584



# Same Dimension

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



4290893950



4292804480



4288010366



4285033312



4286556928



4280298240



# Inverse Universe

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



4287987416



4288708863



4290936536



4284702827



4281073835



4278911019



# Previews

## White Background



This preview shows how the Android color 4290893950 looks on a white background.

## Color Contrast Check

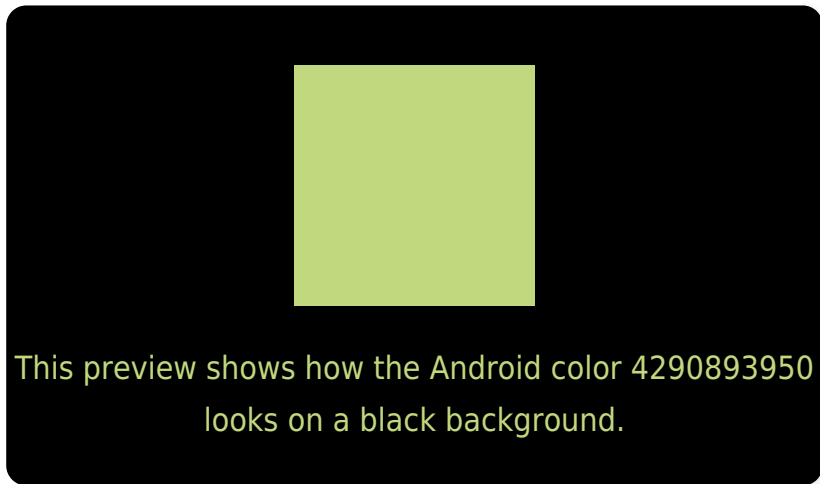
Large Text (above 18pt) WCAG AA × Fail

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 4290893950 Background



This preview shows how black text looks on a background with the Android color 4290893950.

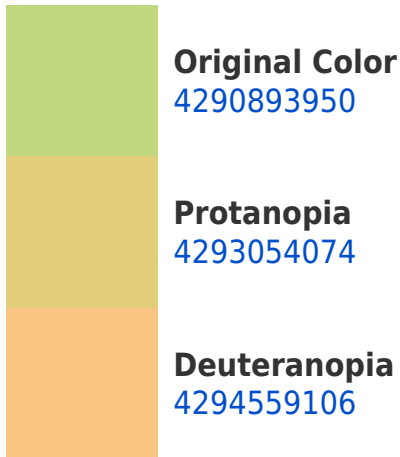


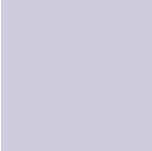
This preview shows how white text looks on a background with the Android color 4290893950.

# 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](#).

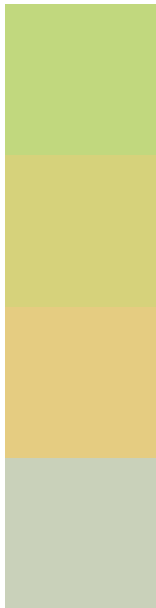
## Dichromacy





**Tritanopia**  
4291677661

# Trichromacy



**Original Color**  
4290893950

**Protanomaly**  
4292268667

**Deuteranomaly**  
4293250177

**Tritanomaly**  
4291416506

# Monochromacy



**Original Color**  
4290893950

**Achromatopsia**  
4291282887

**Achromatomaly**  
4291153324

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290893950 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(193, 216, 126)` looks like.

```
.text, #text, p{  
    color:rgb(193, 216, 126)  
}
```

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(193, 216, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 216, 126) }
```

## Border

The CSS property to change the border of an element to Android 4290893950 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(193, 216, 126) }
```

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

```
.border{ border-color:rgb(193, 216, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 216, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 216, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 216, 126);  
box-shadow:4px 4px 4px 4px rgb(193, 216,  
126) }
```

# Background

The CSS property to change the background color of an element to Android 4290893950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 216, 126) }
```

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

```
.background{ background-color: rgb(193,  
216, 126) }
```

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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