

# Converting Colors

Android(4291058850)

Have a look what the booklet for  
Android(4291058850) contains.

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# **Color**

**Android(4291058850)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C45CA2
RGB	196, 92, 162
RGB Percent	77%, 36%, 64%
CMY	0.2314, 0.6392, 0.3647
CMYK	0.00, 0.53, 0.17, 0.23
HSL	320°, 47%, 56%
HSV	320°, 53%, 77%
XYZ	33.1137, 21.9987, 36.6833
YIQ	131.0760, 39.5140, 43.8180

# Conversions

## Conversions Part 2

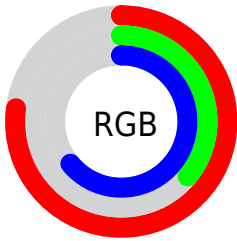
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 92, 162
Decimal	12868770
CIELab	54.03, 49.99, -18.43
CIELCh	54, 53.280, 339.760
Yxy	21.9987, 0.3607, 0.2396
Android (android.graphics.Color)	4291058850 (0xFFC45CA2)
YUV	131.0760, 15.2455, 56.9383
Hunter-Lab	46.9028, 43.9424, -13.5396

# Details

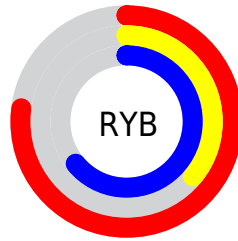
The Android color `4291058850` is a light color, and the websafe version is hex `CC6699`. The color can be described as light muted rose. A complement of this color would be `4284269694`, and the grayscale version is `4286808963`.

A 20% lighter version of the original color is `4294939353`, and `4287374702` is the 20% darker color. If you saturate the color by 10%, you get `4291053724`, and if you desaturate by 10%, it is `4291063976`.

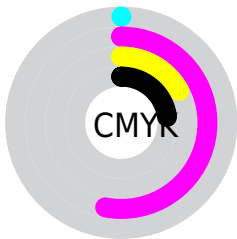
# Distribution



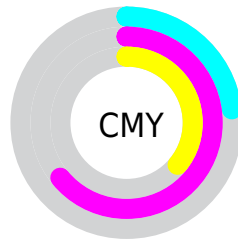
- Red (77%)
- Green (36%)
- Blue (64%)



- Red (77%)
- Yellow (36%)
- Blue (64%)



- Cyan (0%)
- Magenta (53%)
- Yellow (17%)
- Black (23%)




- Cyan (23%)
- Magenta (64%)
- Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291058850 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 4291058850 by changing the saturation by 10% instead.



 4291058850

 4291058850

4294967295

 4289216904

 4294939353

 4287374702

 4294946549

 4285530198

 4294953727

 4283826238

 4294961151

 4282122280

 4280418323

 4278190080

 4291058850

 4291058850

 4291053724

 4291063976

 4291048853

 4291068847

 4291043727

 4291073973

 4291038856

 4291078844

 4291035268

 4291083970

 4291089096

 4291093967

 4291099093

 4291100636

# Harmonies

## Analogous

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



4288114376



4291058850



4292171380

# Triad

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



4291058850



4287333404



4278228667

# Complementary

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



4291058850



4284269694

# 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.



4278228879



4291058850



4284059446

# Square

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



4291058850



4289884967



4278228320



4278226903

# Rectangle

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



4291058850



4291976278



4278228320



4278228910



# Sweetspot

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



4291058850



4294956786



4286405828



4286605176



4278190080



4286611584



# Same Dimension

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



4291058850



4294925514



4291058799



4284569438



4288741484



4280352790



# Inverse Universe

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



4291058850



4294925514



4284269745



4284569438



4288741484

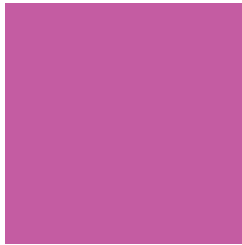


4280352790



# Previews

## White Background



This preview shows how the Android color 4291058850 looks on a white background.

## Color Contrast Check

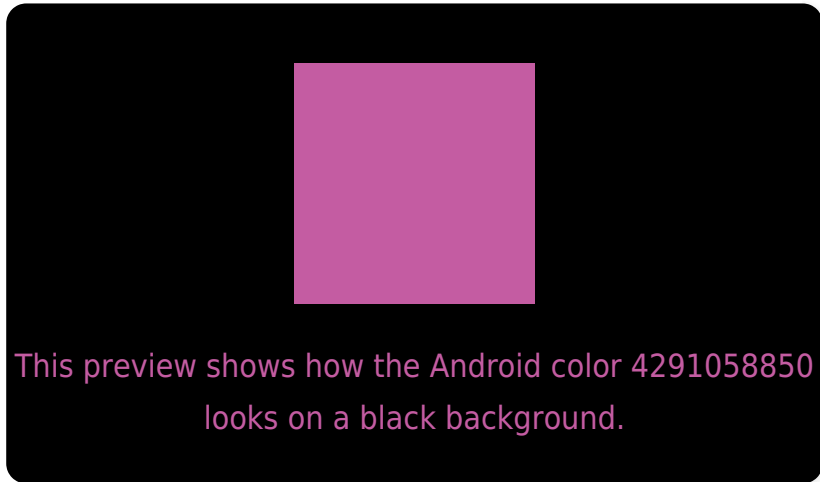
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



# Android 4291058850 Background



This preview shows how black text looks on a background with the Android color 4291058850.



This preview shows how white text looks on a background with the Android color 4291058850.

# 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



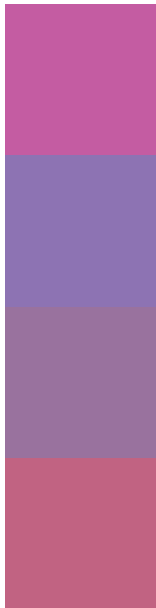
**Original Color**  
4291058850

**Protanopia**  
4285431997

**Deuteranopia**  
4286676892



# Trichromacy



**Original Color**  
4291058850

**Protanomaly**  
4287460275

**Deuteranomaly**  
4288246430

**Tritanomaly**  
4290864002

# Monochromacy



**Original Color**  
4291058850

**Achromatopsia**  
4286808963

**Achromatomaly**  
4288378254

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291058850 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(196, 92, 162)` looks like.

```
.text, #text, p{  
    color:rgb(196, 92, 162)  
}
```

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(196, 92, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 92, 162) }
```

## Border

The CSS property to change the border of an element to Android 4291058850 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(196, 92, 162) }
```

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

```
.border{ border-color:rgb(196, 92, 162) }
```

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

Here you see how a box with a 4 pixel rgb(196, 92, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 92, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 92, 162);  
box-shadow:4px 4px 4px 4px rgb(196, 92,  
162) }
```

# Background

The CSS property to change the background color of an element to Android 4291058850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 92, 162) }
```

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

```
.background{ background-color: rgb(196, 92,  
162) }
```

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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