

# Converting Colors

Android(4291460773)

Have a look what the booklet for  
Android(4291460773) contains.

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# **Color**

**Android(4291460773)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CA7EA5
RGB	202, 126, 165
RGB Percent	79%, 49%, 65%
CMY	0.2078, 0.5059, 0.3529
CMYK	0.00, 0.38, 0.18, 0.21
HSL	329°, 42%, 64%
HSV	329°, 38%, 79%
XYZ	38.6095, 30.1949, 39.3906
YIQ	153.1700, 32.7770, 28.2410

# Conversions

## Conversions Part 2

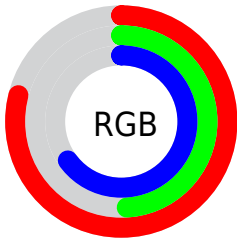
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	202, 126, 165
Decimal	13270693
CIE Lab	61.82, 34.86, -8.33
CIE LCh	62, 35.844, 346.557
Yxy	30.1949, 0.3569, 0.2791
Android (android.graphics.Color)	4291460773 (0xFFCA7EA5)
YUV	153.1700, 5.8322, 42.8239
Hunter-Lab	54.9499, 29.2575, -4.0369

# Details

The Android color `4291460773` is a light color, and the websafe version is hex `CC6699`. A complement of this color would be `4286499491`, and the grayscale version is `4288256409`.

A 20% lighter version of the original color is `4294948060`, and `4287777649` is the 20% darker color. If you saturate the color by 10%, you get `4291455643`, and if you desaturate by 10%, it is `4291465903`.

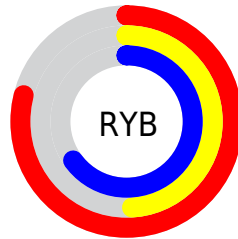
# Distribution



Red (79%)

Green (49%)

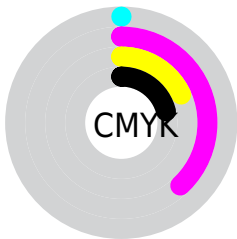
Blue (65%)



Red (79%)

Yellow (49%)

Blue (65%)

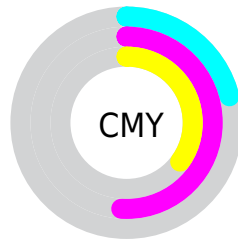


Cyan (0%)

Magenta (38%)

Yellow (18%)

Black (21%)



Cyan (21%)

Magenta (51%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291460773 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 4291460773 by changing the saturation by 10% instead.



 4291460773

 4291460773

4294967295

 4289619083

 4294948060

 4287777649


 4294955257

 4286067545

 4294962431

 4284291649

 4282646571

 4281204759


 4278190080

 4291460773

 4291460773

 4291455643

 4291465903

 4291450513

 4291471033

 4291445127

 4291476419

 4291439998

 4291481548

 4291434868

 4291486678

 4291429738

 4291491808

 4291428456

 4291493866

 4291493876

 4291493886

# Harmonies

## Analogous

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



4289693633



4291460773



4292050309

# Triad

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



4291460773



4288190807



4278232002

# Complementary

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



4291460773



4286499491

# 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.



4279084710



4291460773



4285899113

# Square

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



4291460773



4290154328



4283147654



4283145683

# Rectangle

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



4291460773



4291854705



4283147654



4278232506



# Sweetspot

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



4291460773



4294960113



4288904906



4286607223



4278190080



4286611584



# Same Dimension

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



4291460773



4294937799



4291460735



4284898401



4289069141



4280680468



# Inverse Universe

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



4291460773



4294937799



4286499529



4284898401



4289069141

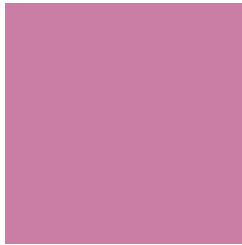


4280680468



# Previews

## White Background



This preview shows how the Android color 4291460773 looks on a white background.

## Color Contrast Check

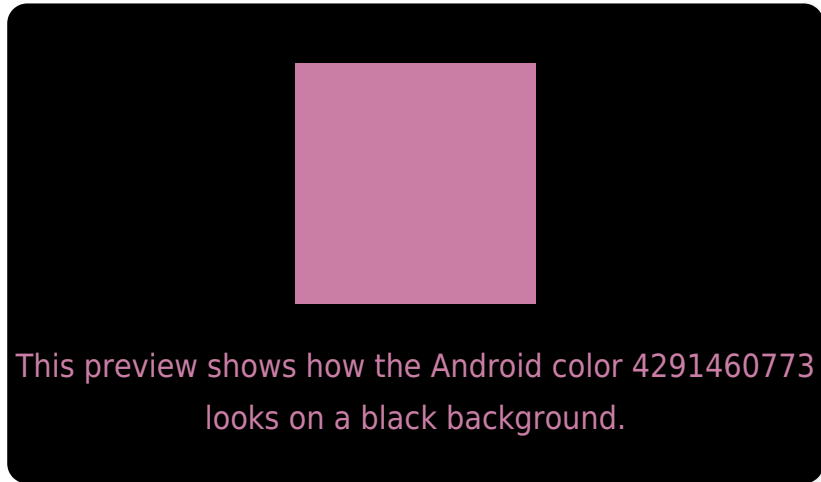
Large Text (above 18pt) WCAG AA × Fail

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

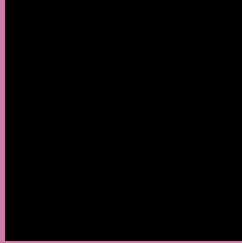
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291460773 Background



This preview shows how black text looks on a background with the Android color 4291460773.



This preview shows how white text looks on a background with the Android color 4291460773.

# 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





# Trichromacy



**Original Color**  
4291460773

**Protanomaly**  
4288973999

**Deuteranomaly**  
4289694371

**Tritanomaly**  
4291330453

# Monochromacy



**Original Color**  
4291460773

**Achromatopsia**  
4288256409

**Achromatomaly**  
4289433501

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291460773 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(202, 126, 165)` looks like.

```
.text, #text, p{  
    color:rgb(202, 126, 165)  
}
```

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(202, 126, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 126, 165) }
```

## Border

The CSS property to change the border of an element to Android 4291460773 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(202, 126, 165) }
```

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

```
.border{ border-color:rgb(202, 126, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 126, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 126, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 126, 165);  
box-shadow:4px 4px 4px 4px rgb(202, 126,  
165) }
```

# Background

The CSS property to change the background color of an element to Android 4291460773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 126, 165) }
```

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

```
.background{ background-color: rgb(202,  
126, 165) }
```

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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