

# Converting Colors

Android(4291589844)

Have a look what the booklet for  
Android(4291589844) contains.

<b>Android(4291589844)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4291589844)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CC76D4
RGB	204, 118, 212
RGB Percent	80%, 46%, 83%
CMY	0.2000, 0.5373, 0.1686
CMYK	0.04, 0.44, 0.00, 0.17
HSL	295°, 52%, 65%
HSV	295°, 44%, 83%
XYZ	43.2639, 30.5477, 65.9034
YIQ	154.4300, 21.0820, 47.4660

# Conversions

## Conversions Part 2

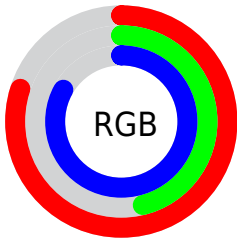
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 118, 212
Decimal	13399764
CIE <sub>Lab</sub>	62.12, 47.88, -34.48
CIE <sub>LCh</sub>	62, 59.004, 324.239
Yxy	30.5477, 0.3097, 0.2186
Android (android.graphics.Color)	4291589844 (0xFFCC76D4)
YUV	154.4300, 28.3820, 43.4729
Hunter-Lab	55.2700, 43.0028, -32.0078

# Details

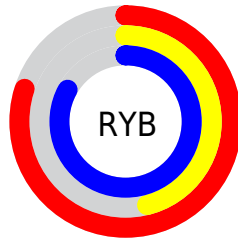
The Android color `4291589844` is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be `4286502006`, and the grayscale version is `4288322202`.

A 20% lighter version of the original color is `4294946047`, and `4287906461` is the 20% darker color. If you saturate the color by 10%, you get `4291453396`, and if you desaturate by 10%, it is `4291726292`.

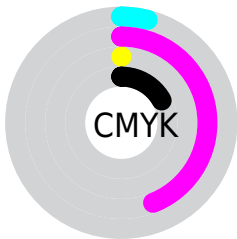
# Distribution



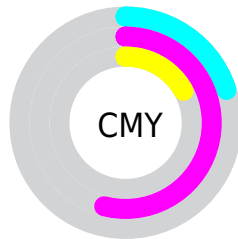
- Red (80%)
- Green (46%)
- Blue (83%)



- Red (80%)
- Yellow (46%)
- Blue (83%)



- Cyan (4%)
- Magenta (44%)
- Yellow (0%)
- Black (17%)




- Cyan (20%)
- Magenta (54%)
- Yellow (17%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291589844 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 4291589844 by changing the saturation by 10% instead.



 4291589844

 4291589844

4294967295

 4289748152

 4294946047

 4287906461

 4294953215

 4286130051

 4294960639

 4284352105


 4282646609


 4281139257

 4278911011

 4278190089

 4278190080

 4291589844

 4291589844

 4291453396


 4291726292

 4291316948

 4291862740

 4291245780

 4291933908

 4291109332

 4292070356

 4290972884

 4292206804

 4290904276

 4292343252

 4292476884

 4292542420

 4292673492

# Harmonies

## Analogous

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



4286942710



4291589844



4293879459

# Triad

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



4291589844



4290416676



4278235072

# Complementary

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



4291589844



4286502006

# 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.



4278235018



4291589844



4287143981

# Square

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



4291589844



4292901953



4282624598



4278233834

# Rectangle

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



4291589844



4294338175



4282624598



4278235054



# Sweetspot

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



4291589844



4294762239



4285956052



4286475136



4278190080



4286611584



# Same Dimension

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



4291589844



4294146303



4292114094



4285161579



4288413867



4280811563



# Inverse Universe

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



4292114046



4294932611



4285977756



4285227105



4289396751



4281008132



# Previews

## White Background



This preview shows how the Android color 4291589844 looks on a white background.

## Color Contrast Check

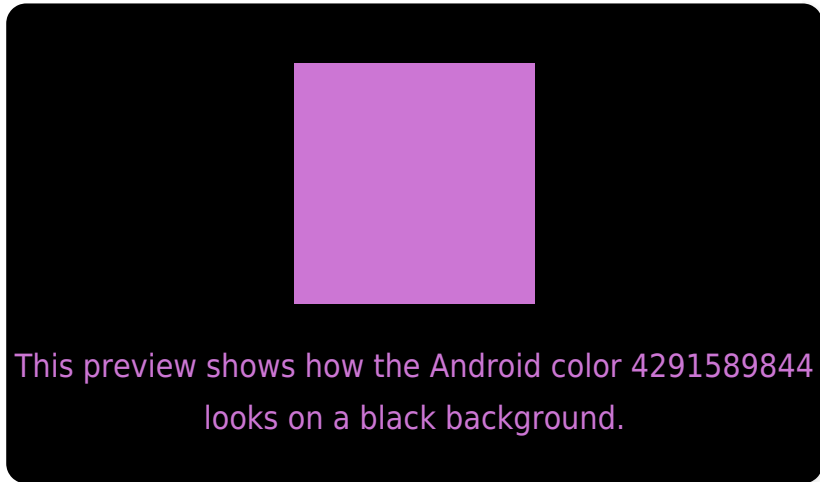
Large Text (above 18pt) WCAG AA × Fail

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

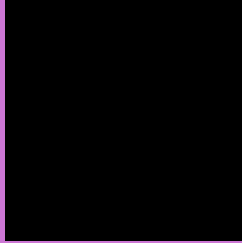
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291589844 Background



This preview shows how black text looks on a background with the Android color 4291589844.




This preview shows how white text looks on a background with the Android color 4291589844.

# 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**  
4291003792

# Trichromacy



**Original Color**

4291589844



**Protanomaly**

4287990244



**Deuteranomaly**

4288645840



**Tritanomaly**

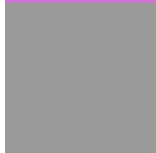
4291199145

# Monochromacy



**Original Color**

4291589844



**Achromatopsia**

4288322202



**Achromatomaly**

4289498543

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291589844 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(204, 118, 212)` looks like.

```
.text, #text, p{  
    color:rgb(204, 118, 212)  
}
```

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(204, 118, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 118, 212) }
```

## Border

The CSS property to change the border of an element to Android 4291589844 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(204, 118, 212) }
```

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

```
.border{ border-color:rgb(204, 118, 212) }
```

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

Here you see how a box with a 4 pixel rgb(204, 118, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 118, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 118, 212);  
box-shadow:4px 4px 4px 4px rgb(204, 118,  
212) }
```

# Background

The CSS property to change the background color of an element to Android 4291589844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 118, 212) }
```

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

```
.background{ background-color: rgb(204,  
118, 212) }
```

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