

# Converting Colors

Android(4291266004)

Have a look what the booklet for  
Android(4291266004) contains.

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# **Color**

**Android(4291266004)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C785D4
RGB	199, 133, 212
RGB Percent	78%, 52%, 83%
CMY	0.2196, 0.4784, 0.1686
CMYK	0.06, 0.37, 0.00, 0.17
HSL	290°, 48%, 68%
HSV	290°, 37%, 83%
XYZ	43.8244, 33.6706, 66.4766
YIQ	161.7400, 13.9770, 38.5610

# Conversions

## Conversions Part 2

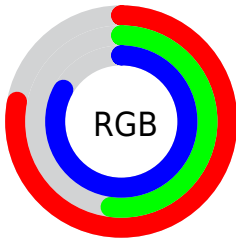
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 133, 212
Decimal	13075924
CIE <sub>Lab</sub>	64.70, 38.43, -30.53
CIE <sub>LCh</sub>	65, 49.079, 321.534
Yxy	33.6706, 0.3044, 0.2339
Android (android.graphics.Color)	4291266004 (0xFFC785D4)
YUV	161.7400, 24.7782, 32.6770
Hunter-Lab	58.0264, 33.2657, -27.3058

# Details

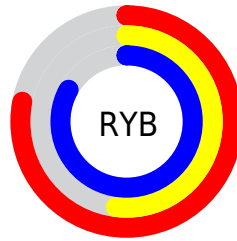
The Android color **4291266004** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **4287812741**, and the grayscale version is **4288782753**.

A 20% lighter version of the original color is **4294949887**, and **4287648413** is the 20% darker color. If you saturate the color by 10%, you get **4291064020**, and if you desaturate by 10%, it is **4291467988**.

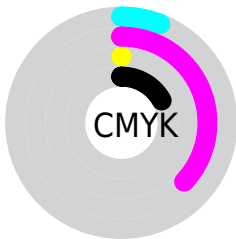
# Distribution



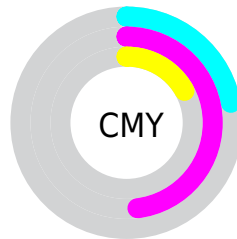
- Red (78%)
- Green (52%)
- Blue (83%)



- Red (78%)
- Yellow (52%)
- Blue (83%)



- Cyan (6%)
- Magenta (37%)
- Yellow (0%)
- Black (17%)



- Cyan (22%)
- Magenta (48%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291266004 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 4291266004 by changing the saturation by 10% instead.



 4291266004

 4291266004

4294967295

 4289424312

 4294949887

 4287648413

 4294957055

 4285872515

 4294964479

 4284162153


 4282516817

 4280942649

 4279107619

 4278190090

 4278190080

 4291266004

 4291266004

 4291064020

 4291467988

 4290796500

 4291735508

 4290594260

 4291937748

 4290326740

 4292205268

 4290124756

 4292407252

 4289857236

 4292673492

 4289790164

 4292870100

 4293132244

 4293328852

# Harmonies

## Analogous

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



4287403759



4291266004



4293425579

# Triad

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



4291266004



4290876996



4278236092

# Complementary

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



4291266004



4287812741

# 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.



4278235791



4291266004



4288128072

# Square

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



4291266004



4292904538



4284722788



4278235105

# Rectangle

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



4291266004



4293884046



4284722788



4278236077



# Sweetspot

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



4291266004



4294632447



4286943956



4286410624



4278190080



4286611584



# Same Dimension

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



4291266004



4293692671



4292117946



4285096043



4287561899



4280549419



# Inverse Universe

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



4292117906



4294937759



4286960799



4285227106



4289396764



4281008135



# Previews

## White Background



This preview shows how the Android color 4291266004 looks on a white background.

## Color Contrast Check

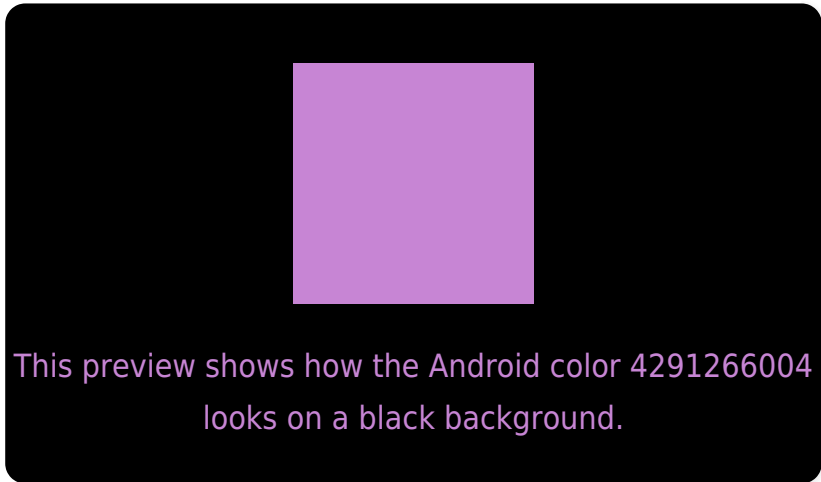
Large Text (above 18pt) WCAG AA × Fail

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

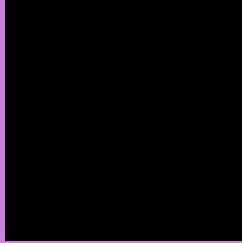
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291266004 Background



This preview shows how black text looks on a background with the Android color 4291266004.



This preview shows how white text looks on a background with the Android color 4291266004.

# 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**  
4290744732

# Trichromacy



**Original Color**

4291266004



**Protanomaly**

4288517087



**Deuteranomaly**

4289041361



**Tritanomaly**

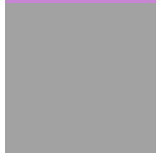
4290940336

# Monochromacy



**Original Color**

4291266004



**Achromatopsia**

4288848546



**Achromatomaly**

4289697716

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291266004 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(199, 133, 212)` looks like.

```
.text, #text, p{  
    color:rgb(199, 133, 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(199, 133, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 133, 212) }
```

## Border

The CSS property to change the border of an element to Android 4291266004 is called "border". The border property can be set on classes, ids or directly on the HTML element.

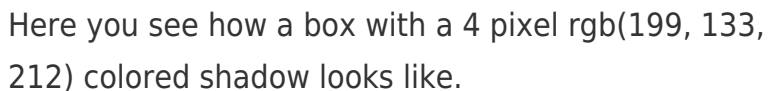
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 133, 212) }
```

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

```
.border{ border-color:rgb(199, 133, 212) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 133, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 133, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 133, 212);  
box-shadow:4px 4px 4px 4px rgb(199, 133,  
212) }
```

# Background

The CSS property to change the background color of an element to Android 4291266004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 133, 212) }
```

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

```
.background{ background-color: rgb(199,  
133, 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](#).



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