

# Converting Colors

Android(4291597296)

Have a look what the booklet for  
Android(4291597296) contains.

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# **Color**

**Android(4291597296)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC93F0
RGB	204, 147, 240
RGB Percent	80%, 58%, 94%
CMY	0.2000, 0.4235, 0.0588
CMYK	0.15, 0.39, 0.00, 0.06
HSL	277°, 76%, 76%
HSV	277°, 39%, 94%
XYZ	51.0637, 39.9961, 87.4667
YIQ	174.6450, 4.1190, 41.0070

# Conversions

## Conversions Part 2

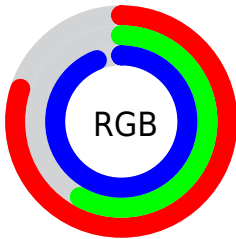
<b>Format</b>	<b>Color</b>
<b>RYB</b>	204, 147, 240
Decimal	13407216
CIELab	69.47, 38.08, -38.56
CIELCh	69, 54.195, 314.638
Yxy	39.9961, 0.2860, 0.2240
Android (android.graphics.Color)	4291597296 (0xFFCC93F0)
YUV	174.6450, 32.2200, 25.7443
Hunter-Lab	63.2425, 33.4516, -37.7306

# Details

The Android color `4291597296` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4290244755`, and the grayscale version is `4289638062`.

A 20% lighter version of the original color is `4294953727`, and `4287913912` is the 20% darker color. If you saturate the color by 10%, you get `4291001328`, and if you desaturate by 10%, it is `4292193264`.

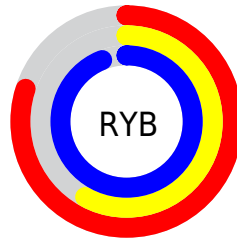
# Distribution



Red (80%)

Green (58%)

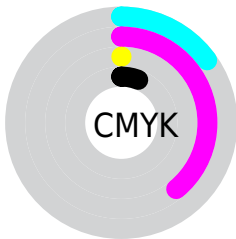
Blue (94%)



Red (80%)

Yellow (58%)

Blue (94%)

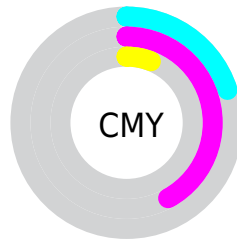


Cyan (15%)

Magenta (39%)

Yellow (0%)

Black (6%)



Cyan (20%)

Magenta (42%)


Yellow (6%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291597296 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 4291597296 by changing the saturation by 10% instead.



 4291597296

 4291597296

4294967295

 4289755603

 4294953727

 4287913912

 4294960895

 4286138012

 4284427906

 4282717800

 4281073744

 4279828537

 4278190626

 4278190088

4291597296

4291597296

4291001328

4292193264

4290339824

4292854768

4289743856

4293450736

4289147888

4294046704

4288551920

4294639600

4287890416

4294967280

4287824112

# Harmonies

## Analogous

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



4286687231



4291597296



4294411205

# Triad

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



4291597296



4292582985



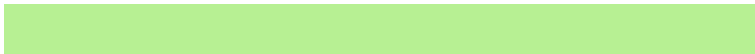
4278239937

# Complementary

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



4291597296



4290244755

# 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.



4279091598



4291597296



4289703749

# Square

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



4291597296



4294610023



4286036577



4278239213

# Rectangle

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



4291597296



4294934436



4286036577



4278239920



# Sweetspot

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



4291597296



4294172927



4287871216



4286148224



4278190080



4286611584



# Same Dimension

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



4291597296



4291921919



4293956583



4285754488



4285595832



4280418360



# Inverse Universe

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



4293956535



4294936502



4287885468



4286082161



4290248775

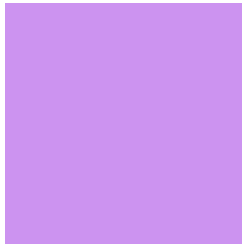


4281860118



# Previews

## White Background



This preview shows how the Android color 4291597296 looks on a white background.

## Color Contrast Check

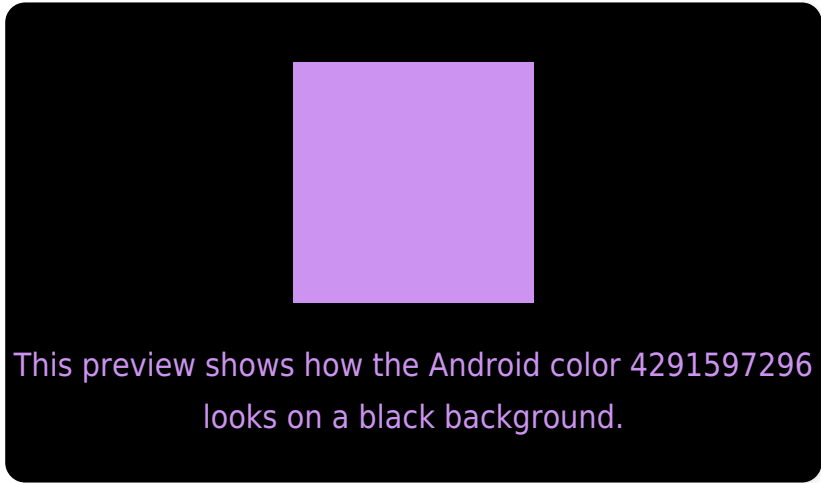
Large Text (above 18pt) WCAG AA × Fail

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 4291597296 Background



This preview shows how black text looks on a background with the Android color 4291597296.



This preview shows how white text looks on a background with the Android color 4291597296.

# 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**  
4291597296



**Protanomaly**  
4288913658



**Deuteranomaly**  
4289241325



**Tritanomaly**  
4291206342

# Monochromacy



**Original Color**  
4291597296



**Achromatopsia**  
4289703855



**Achromatomaly**  
4290422215

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291597296 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, 147, 240)` looks like.

```
.text, #text, p{  
    color:rgb(204, 147, 240)  
}
```

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, 147, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 147, 240) }
```

## Border

The CSS property to change the border of an element to Android 4291597296 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, 147, 240) }
```

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

```
.border{ border-color:rgb(204, 147, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 147, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 147, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 147, 240);  
box-shadow:4px 4px 4px 4px rgb(204, 147,  
240) }
```

# Background

The CSS property to change the background color of an element to Android 4291597296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 147, 240) }
```

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

```
.background{ background-color: rgb(204,  
147, 240) }
```

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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