

# Converting Colors

Android(4291987193)

Have a look what the booklet for  
Android(4291987193) contains.

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**Color**

**Android(4291987193)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D286F9
RGB	210, 134, 249
RGB Percent	82%, 53%, 98%
CMY	0.1765, 0.4745, 0.0235
CMYK	0.16, 0.46, 0.00, 0.02
HSL	280°, 91%, 75%
HSV	280°, 46%, 98%
XYZ	52.2023, 37.5914, 94.1270
YIQ	169.8340, 8.3810, 51.8770

# Conversions

## Conversions Part 2

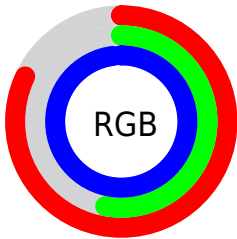
Format	Color
R <sub>Y</sub> B	210, 134, 249
Decimal	13797113
CIE Lab	67.72, 48.61, -46.18
CIE LCh	68, 67.052, 316.470
Yxy	37.5914, 0.2838, 0.2044
Android (android.graphics.Color)	4291987193 (0xFFD286F9)
YUV	169.8340, 39.0288, 35.2256
Hunter-Lab	61.3118, 44.6834, -48.1048

# Details

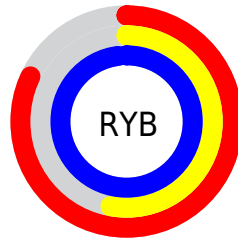
The Android color `4291987193` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4289591686`, and the grayscale version is `4289309097`.

A 20% lighter version of the original color is `4294950399`, and `4288238272` is the 20% darker color. If you saturate the color by 10%, you get `4291456505`, and if you desaturate by 10%, it is `4292517881`.

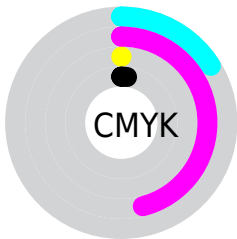
# Distribution



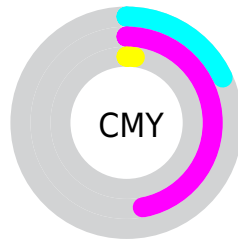
- Red (82%)
- Green (53%)
- Blue (98%)



- Red (82%)
- Yellow (53%)
- Blue (98%)



- Cyan (16%)
- Magenta (46%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (47%)
- Yellow (2%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291987193 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 4291987193 by changing the saturation by 10% instead.



 4291987193

 4291987193

4294967295

 4290079964

 4294950399

 4288238272

 4294957567

 4286462116

 4294964991

 4284685706

 4282908784

 4281139287

 4279566399

 4278190888

 4278190353

4291987193

4291987193

4291456505

4292517881

4290860281

4293114105

4290329593

4293644793

4289733369

4294241017

4289202937

4294770681

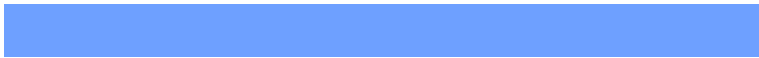
4289003769

4294967289

# Harmonies

## Analogous

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



4285440255



4291987193



4294930371

# Triad

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



4291987193



4292515876



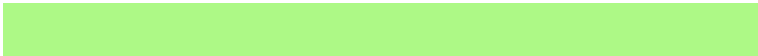
4278239941

# Complementary

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



4291987193



4289591686

# 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.



4278239367



4291987193



4288982047

# Square

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



4291987193



4294934351



4284266828



4278238972

# Rectangle

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



4291987193



4294929050



4284266828



4278239921



# Sweetspot

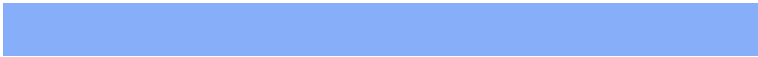
The Sweet Spot groups the original color and five complimentary colors.



4291987193



4294171647



4287016697



4286081664



4278190080



4286611584



# Same Dimension

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



4291987193



4291785727



4294543080



4286148733



4286382269



4280811581



# Inverse Universe

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



4294543021



4294931362



4287035799



4286410869



4290576448



4282187797



# Previews

## White Background



This preview shows how the Android color 4291987193 looks on a white background.

## Color Contrast Check

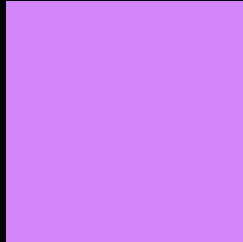
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4291987193 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

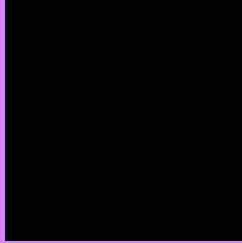
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291987193 Background



This preview shows how black text looks on a background with the Android color 4291987193.



This preview shows how white text looks on a background with the Android color 4291987193.

# 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**  
4291987193

**Protanopia**  
4286817023

**Deuteranopia**  
4286883059



**Tritanopia**  
4291140005

# Trichromacy



**Original Color**  
4291987193



**Protanomaly**  
4288715005



**Deuteranomaly**  
4288715253



**Tritanomaly**  
4291465924

# Monochromacy



**Original Color**  
4291987193



**Achromatopsia**  
4289374890



**Achromatomaly**  
4290354631

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291987193 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(210, 134, 249)` looks like.

```
.text, #text, p{  
    color:rgb(210, 134, 249)  
}
```

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(210, 134, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 134, 249) }
```

## Border

The CSS property to change the border of an element to Android 4291987193 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(210, 134, 249) }
```

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

```
.border{ border-color:rgb(210, 134, 249) }
```

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

Here you see how a box with a 4 pixel rgb(210, 134, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 134, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 134, 249);  
box-shadow:4px 4px 4px 4px rgb(210, 134,  
249) }
```

# Background

The CSS property to change the background color of an element to Android 4291987193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 134, 249) }
```

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

```
.background{ background-color: rgb(210,  
134, 249) }
```

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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