

# Converting Colors

Android(4291012606)

Have a look what the booklet for  
Android(4291012606) contains.

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# **Color**

**Android(4291012606)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3A7FE
RGB	195, 167, 254
RGB Percent	76%, 65%, 100%
CMY	0.2353, 0.3451, 0.0039
CMYK	0.23, 0.34, 0.00, 0.00
HSL	259°, 98%, 83%
HSV	259°, 34%, 100%
XYZ	54.2138, 46.3953, 99.8637
YIQ	185.2900, -11.2390, 32.9930

# Conversions

## Conversions Part 2

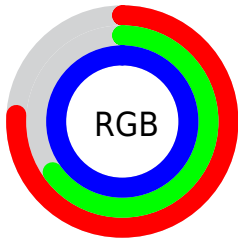
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">195, 167, 254</a>
Decimal	<a href="#">12822526</a>
CIELab	<a href="#">73.80, 27.59, -39.49</a>
CIELCh	<a href="#">74, 48.170, 304.939</a>
Yxy	<a href="#">46.3953, 0.2704, 0.2314</a>
Android (android.graphics.Color)	<a href="#">4291012606 (0xFFC3A7FE)</a>
YUV	<a href="#">185.2900, 33.8740, 8.5157</a>
Hunter-Lab	<a href="#">68.1141, 22.8732, -39.2467</a>

# Details

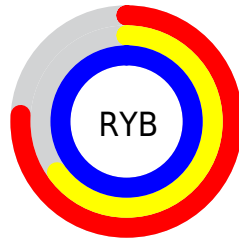
The Android color `4291012606` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4293066407`, and the grayscale version is `4290361785`.

A 20% lighter version of the original color is `4294827775`, and `4287394757` is the 20% darker color. If you saturate the color by 10%, you get `4289892094`, and if you desaturate by 10%, it is `4292133118`.

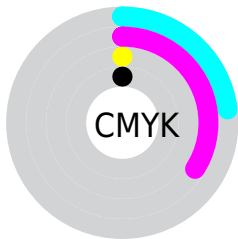
# Distribution



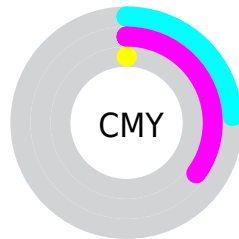
- Red (76%)
- Green (65%)
- Blue (100%)



- Red (76%)
- Yellow (65%)
- Blue (100%)



- Cyan (23%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)




- Cyan (24%)
- Magenta (35%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291012606 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 4291012606 by changing the saturation by 10% instead.



 4291012606

 4291012606

4294967295

 4289170657

 4294827775

 4287394757

 4294966271

 4285618857

 4283908751

 4282199157

 4280489564

 4278583364

 4278190893

 4278190359

 4291012606

 4291012606

 4289892094

 4292133118

 4288771326

 4293253886

 4287585278

 4294439934

 4286464510

4294967294

 4285343998

 4284223486

 4283564286

# Harmonies

## Analogous

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



4286232575



4291012606



4294088924

# Triad

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



4291012606



4293895782



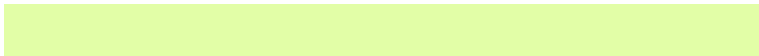
4278242491

# Complementary

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



4291012606



4293066407

# 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.



4284598670



4291012606



4291474779

# Square

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



4291012606



4294940549



4288397931



4278242279

# Rectangle

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



4291012606



4294939327



4288397931



4280470700



# Sweetspot

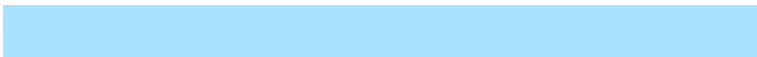
The Sweet Spot groups the original color and five complimentary colors.



4291012606



4293846783



4289192702



4285886592



4278190080



4286611584



# Same Dimension

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



4291012606



4290287359



4293830654



4286018432



4282253503



4279566400



# Inverse Universe

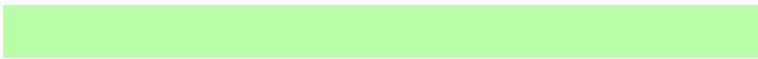
The Inverse Universe completely reimagines the original color for something new.



4294879202



4294940381



4290248359



4286608251



4290707586

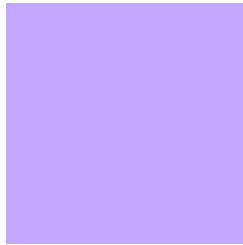


4282384427



# Previews

## White Background



This preview shows how the Android color 4291012606 looks on a white background.

## Color Contrast Check

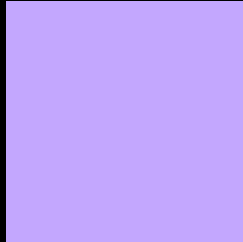
Large Text (above 18pt) WCAG AA × Fail

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 4291012606 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 4291012606 Background



This preview shows how black text looks on a background with the Android color 4291012606.



This preview shows how white text looks on a background with the Android color 4291012606.

# 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**  
4291012606

**Protanopia**  
4288525311

**Deuteranopia**  
4288590843



**Tritanopia**  
4290294721

# Trichromacy



**Original Color**  
4291012606

**Protanomaly**  
4289441791

**Deuteranomaly**  
4289441788

**Tritanomaly**  
4290555863

# Monochromacy



**Original Color**  
4291012606

**Achromatopsia**  
4290361785

**Achromatomaly**  
4290622162

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291012606 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(195, 167, 254)` looks like.

```
.text, #text, p{  
    color:rgb(195, 167, 254)  
}
```

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(195, 167, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 167, 254) }
```

## Border

The CSS property to change the border of an element to Android 4291012606 is called "border". The border property can be set on classes, ids or directly on the HTML element.

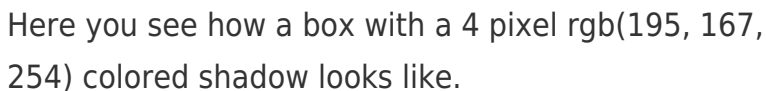
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 167, 254) }
```

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

```
.border{ border-color:rgb(195, 167, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 167, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 167, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 167, 254); box-shadow:4px 4px 4px 4px rgb(195, 167, 254) }
```

# Background

The CSS property to change the background color of an element to Android 4291012606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 167, 254) }
```

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

```
.background{ background-color: rgb(195,  
167, 254) }
```

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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