

# Converting Colors

Android(4291021307)

Have a look what the booklet for  
Android(4291021307) contains.

<b>Android(4291021307)</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(4291021307)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3C9FB
RGB	195, 201, 251
RGB Percent	76%, 79%, 98%
CMY	0.2353, 0.2118, 0.0157
CMYK	0.22, 0.20, 0.00, 0.02
HSL	234°, 88%, 87%
HSV	234°, 22%, 98%
XYZ	60.8049, 60.3404, 99.7089
YIQ	204.9060, -19.6260, 14.2780

# Conversions

## Conversions Part 2

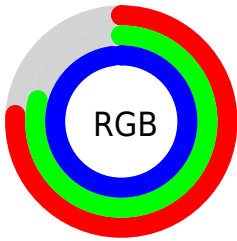
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 200, 251
Decimal	12831227
CIE <sub>Lab</sub>	82.02, 8.32, -25.21
CIE <sub>LCh</sub>	82, 26.548, 288.253
Yxy	60.3404, 0.2753, 0.2732
Android (android.graphics.Color)	4291021307 (0xFFC3C9FB)
YUV	204.9060, 22.7243, -8.6876
Hunter-Lab	77.6791, 3.7861, -21.7293

# Details

The Android color `4291021307` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `4294702531`, and the grayscale version is `4291677645`.

A 20% lighter version of the original color is `4294770687`, and `4287402946` is the 20% darker color. If you saturate the color by 10%, you get `4289377275`, and if you desaturate by 10%, it is `4292665339`.

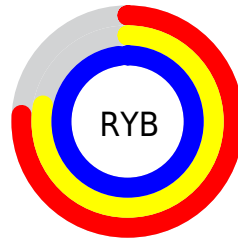
# Distribution



Red (76%)

Green (79%)

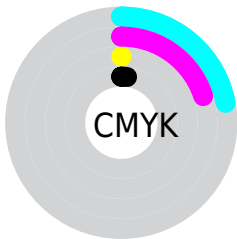
Blue (98%)



Red (76%)

Yellow (78%)

Blue (98%)

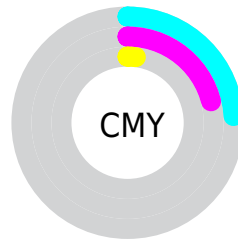


Cyan (22%)

Magenta (20%)

Yellow (0%)

Black (2%)



Cyan (24%)

Magenta (21%)

Yellow (2%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291021307 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 4291021307 by changing the saturation by 10% instead.



 4291021307

 4291021307

4294967295

 4289179358

4294770687

 4287402946

 4285692327

 4284047757

 4282403187

 4280824666

 4279115330

 4278191148

 4278190359

■ 4291021307

■ 4291021307

■ 4289377275

■ 4292665339

■ 4287732987

■ 4294309627

■ 4286088955

■ 4294967291

■ 4284444667

■ 4282800635

■ 4281091067

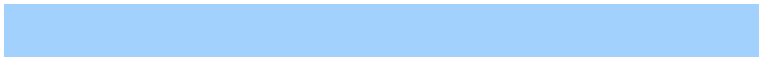
■ 4279446779

■ 4278197243

# Harmonies

## Analogous

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



4288795132



4291021307



4293050861

# Triad

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



4291021307



4294557608



4288141761

# Complementary

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



4291021307



4294702531

# 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.



4289910442



4291021307



4293445532

# Square

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



4291021307



4294949821



4291809180



4287027931

# Rectangle

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



4291021307



4294098143



4291809180



4288731577



# Sweetspot

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



4291021307



4293783551



4291034100



4285888128



4278190080



4286611584



# Same Dimension

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



4291021307



4290429695



4292396027



4285559421



4278195389



4278191933



# Inverse Universe

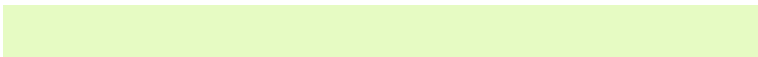
The Inverse Universe completely reimagines the original color for something new.



4294689737



4294949570



4293327811



4286410866



4290576404

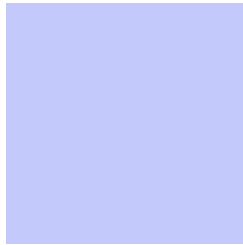


4282187783



# Previews

## White Background



This preview shows how the Android color 4291021307 looks on a white background.

## Color Contrast Check

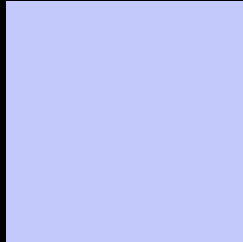
Large Text (above 18pt) WCAG AA × Fail

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 4291021307 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 4291021307 Background



This preview shows how black text looks on a background with the Android color 4291021307.



This preview shows how white text looks on a background with the Android color 4291021307.

# 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**  
4291021307

**Protanopia**  
4290824956

**Deuteranopia**  
4291348731



# Trichromacy



**Original Color**  
4291021307

**Protanomaly**  
4290890492

**Deuteranomaly**  
4291217659

**Tritanomaly**  
4290825449

# Monochromacy



**Original Color**  
4291021307

**Achromatopsia**  
4291677645

**Achromatomaly**  
4291415262

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291021307 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, 201, 251)` looks like.

```
.text, #text, p{  
    color:rgb(195, 201, 251)  
}
```

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, 201, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 201, 251) }
```

## Border

The CSS property to change the border of an element to Android 4291021307 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, 201, 251) }
```

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

```
.border{ border-color:rgb(195, 201, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 201, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 201, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 201, 251); box-shadow:4px 4px 4px 4px rgb(195, 201, 251) }
```

# Background

The CSS property to change the background color of an element to Android 4291021307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 201, 251) }
```

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

```
.background{ background-color: rgb(195,  
201, 251) }
```

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