

# Converting Colors

Android(4281074141)

Have a look what the booklet for  
Android(4281074141) contains.

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# Color

**Android(4281074141)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2C01DD
RGB	44, 1, 221
RGB Percent	17%, 0%, 87%
CMY	0.8275, 0.9961, 0.1333
CMYK	0.80, 1.00, 0.00, 0.13
HSL	252°, 99%, 44%
HSV	252°, 100%, 87%
XYZ	14.1007, 5.7776, 68.7786
YIQ	38.9370, -44.9920, 77.5360

# Conversions

## Conversions Part 2

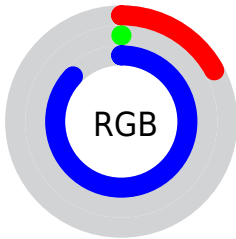
Format	Color
<a href="#">RYB</a>	<a href="#">44, 1, 221</a>
Decimal	<a href="#">2884061</a>
CIELab	<a href="#">28.84, 71.40, -94.29</a>
CIELCh	<a href="#">29, 118.267, 307.134</a>
Yxy	<a href="#">5.7776, 0.1590, 0.0652</a>
Android (android.graphics.Color)	<a href="#">4281074141 (0xFF2C01DD)</a>
YUV	<a href="#">38.9370, 89.7571, 4.4403</a>
Hunter-Lab	<a href="#">24.0367, 62.6495, -152.8266</a>

# Details

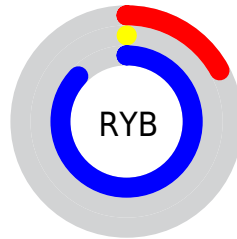
The Android color `4281074141` is a dark color, and the websafe version is hex `0000CC`. The color can be described as dark washed blue. A complement of this color would be `4289912065`, and the grayscale version is `4280690214`.

A 20% lighter version of the original color is `4286334463`, and `4278190244` is the 20% darker color. If you saturate the color by 10%, you get `4281008349`, and if you desaturate by 10%, it is `4282259421`.

# Distribution



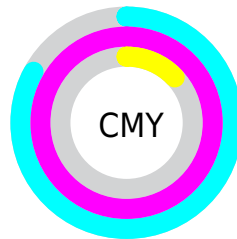
- Red (17%)
- Green (0%)
- Blue (87%)



- Red (17%)
- Yellow (0%)
- Blue (87%)



- Cyan (80%)
- Magenta (100%)
- Yellow (0%)
- Black (13%)



- Cyan (83%)
- Magenta (100%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281074141 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 4281074141 by changing the saturation by 10% instead.





4281074141



4281074141

4294967295



4278190272



4286334463



4278190244



4288504063



4278190217



4290608127



4278190702



4292712191



4278193236



4294816511



4278191676



4294955007



4278190630



4294962431



4278190350



4278190080

■ 4281074141

■ 4281074141

■ 4281008349

■ 4282259421

■ 4283444701

■ 4284564445

■ 4285749725

■ 4286935261

■ 4288120541

■ 4289240285

■ 4290425565

■ 4291610845

# Harmonies

## Analogous

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



4278211327



4281074141



4290052238

# Triad

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



4281074141



4287173888



4278214233

# Complementary

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



4281074141



4289912065

# 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.



4278213376



4281074141



4282403072

# Square

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



4281074141



4290445312



4278212352



4278215093

# Rectangle

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



4281074141



4291690578



4278212352



4278213945



# Sweetspot

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



4281074141



4290884607



4278302173



4284174976



4278190080



4286611584



# Same Dimension

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



4281074141



4281467135



4288086493



4284834670



4280418477



4278779950



# Inverse Universe

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



4292673970



4294901965



4282899713



4285424492



4289527948

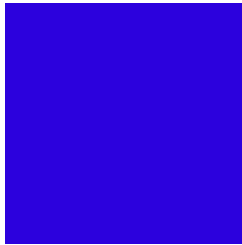


4281204773



# Previews

## White Background



This preview shows how the Android color 4281074141 looks on a white background.

## Color Contrast Check

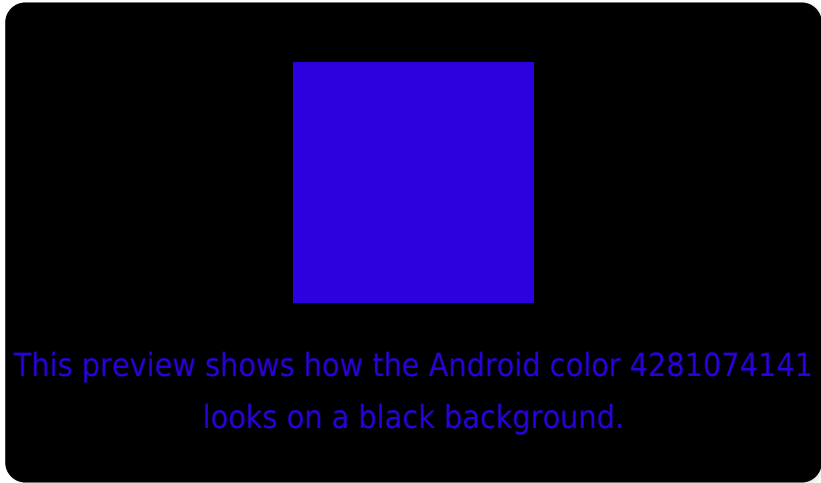
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

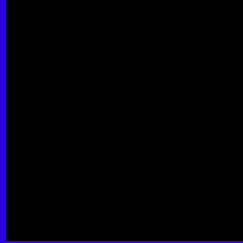
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4281074141 Background



This preview shows how black text looks on a background with the Android color 4281074141.



This preview shows how white text looks on a background with the Android color 4281074141.

# 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**  
4281074141

**Protanopia**  
4278207373

**Deuteranopia**  
4278208631



# Trichromacy



**Original Color**  
4281074141

**Protanomaly**  
4279249834

**Deuteranomaly**  
4279250588

**Tritanomaly**  
4279251332

# Monochromacy



**Original Color**  
4281074141

**Achromatopsia**  
4280756007

**Achromatomaly**  
4280883561

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281074141 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(44, 1, 221)` looks like.

```
.text, #text, p{  
    color:rgb(44, 1, 221)  
}
```

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(44, 1, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 1, 221) }
```

## Border

The CSS property to change the border of an element to Android 4281074141 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(44, 1, 221) }
```

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

```
.border{ border-color:rgb(44, 1, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 1, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 1, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 1, 221);  
box-shadow:4px 4px 4px 4px rgb(44, 1, 221)  
}
```

# Background

The CSS property to change the background color of an element to Android 4281074141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 1, 221) }
```

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

```
.background{ background-color: rgb(44, 1,  
221) }
```

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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