

# Converting Colors

Android(4278246431)

Have a look what the booklet for  
Android(4278246431) contains.

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# **Color**

**Android(4278246431)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00DC1F
RGB	0, 220, 31
RGB Percent	0%, 86%, 12%
CMY	1.0000, 0.1373, 0.8784
CMYK	1.00, 0.00, 0.86, 0.14
HSL	128°, 100%, 43%
HSV	128°, 100%, 86%
XYZ	25.8405, 51.2853, 9.8334
YIQ	132.6740, -70.4510, -105.4190

# Conversions

## Conversions Part 2

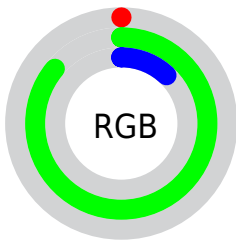
Format	Color
<a href="#">RYB</a>	<a href="#">0, 193, 220</a>
Decimal	<a href="#">56351</a>
CIELab	<a href="#">76.85, -76.31, 70.36</a>
CIELCh	<a href="#">77, 103.796, 137.325</a>
Yxy	<a href="#">51.2853, 0.2972, 0.5898</a>
Android (android.graphics.Color)	<a href="#">4278246431 (0xFF00DC1F)</a>
YUV	<a href="#">132.6740, -50.1253, -116.3551</a>
Hunter-Lab	<a href="#">71.6138, -60.9156, 41.9884</a>

# Details

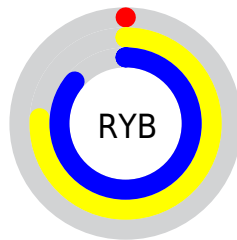
The Android color **4278246431** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **4292608189**, and the grayscale version is **4286940549**.

A 20% lighter version of the original color is **4285398880**, and **4278231808** is the 20% darker color. If you saturate the color by 10%, you get **4278246431**, and if you desaturate by 10%, it is **4279688242**.

# Distribution



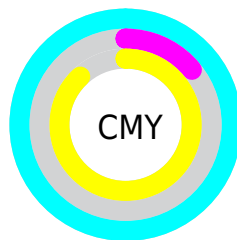
- Red (0%)
- Green (86%)
- Blue (12%)



- Red (0%)
- Yellow (76%)
- Blue (86%)



- Cyan (100%)
- Magenta (0%)
- Yellow (86%)
- Black (14%)



- Cyan (100%)
- Magenta (14%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278246431 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 4278246431 by changing the saturation by 10% instead.



 4278246431

 4278246431

4294967295

 4278238976

 4285398880

 4278231808

 4287627133

 4278224896

 4289789849

 4278217984

 4291821494

 4278211072

 4293918675

 4278204928


 4294967281

 4278198272

 4278190080

 4278246431

 4279688242

 4281130053

 4282571864

 4284013675

 4285455486

 4286897296

 4288339107

 4289780918

 4291222729

# Harmonies

## Analogous

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



4289841664



4278246431



4278248848

# Triad

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



4278246431



4278244863



4294919307

# Complementary

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



4278246431



4292608189

# 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.



4294920683



4278246431



4279219967

# Square

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



4278246431



4278248703



4294936063



4294933291

# Rectangle

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



4278246431



4278249428



4294936063



4294916523

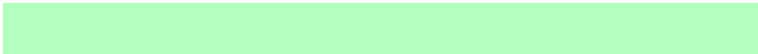


# Sweetspot

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



4278246431



4289986493



4290763776



4283596888



4278190080



4286611584



# Same Dimension

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



4278246431



4278255396



4278246539



4284706404



4278234392



4278201862



# Inverse Universe

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



4292608189



4294901979



4292608081



4285424492



4289527957

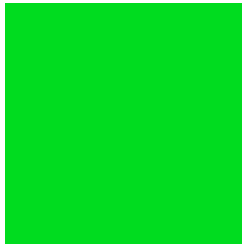


4281204775



# Previews

## White Background



This preview shows how the Android color 4278246431 looks on a white background.

## Color Contrast Check

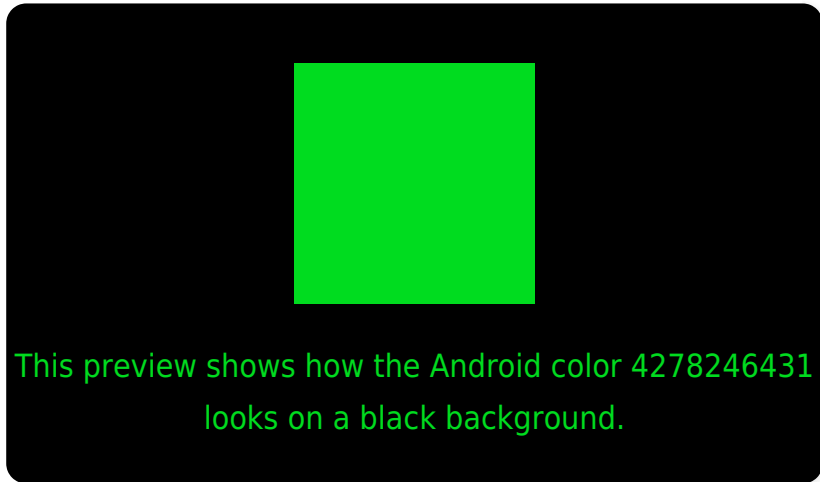
Large Text (above 18pt) WCAG AA × Fail

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

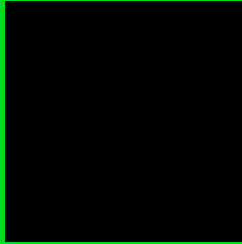
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4278246431 Background



This preview shows how black text looks on a background with the Android color 4278246431.



This preview shows how white text looks on a background with the Android color 4278246431.

# 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



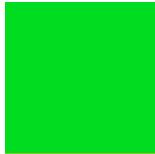
**Original Color**  
4278246431

**Protanopia**  
4292131861

**Deuteranopia**  
4293702200



# Trichromacy



**Original Color**  
4278246431



**Protanomaly**  
4287088665

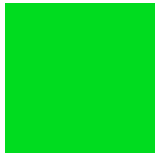


**Deuteranomaly**  
4288069935



**Tritanomaly**  
4282110616

# Monochromacy



**Original Color**  
4278246431



**Achromatopsia**  
4286940549



**Achromatomaly**  
4283802976

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278246431 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(0, 220, 31)` looks like.

```
.text, #text, p{  
    color:rgb(0, 220, 31)  
}
```

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(0, 220, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 220, 31) }
```

## Border

The CSS property to change the border of an element to Android 4278246431 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(0, 220, 31) }
```

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

```
.border{ border-color:rgb(0, 220, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 220, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 220, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 220, 31);  
box-shadow:4px 4px 4px 4px rgb(0, 220, 31)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278246431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 220, 31) }
```

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

```
.background{ background-color: rgb(0, 220,  
31) }
```

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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