

Converting Colors

Android(4280876801)

Have a look what the booklet for
Android(4280876801) contains.

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Color

Android(4280876801)

Conversions

Conversions Part 1

Format	Color
Hex	28FF01
RGB	40, 255, 1
RGB Percent	16%, 100%, 0%
CMY	0.8431, 0.0000, 0.9961
CMYK	0.84, 0.00, 1.00, 0.00
HSL	111°, 100%, 50%
HSV	111°, 100%, 100%
XYZ	36.6406, 71.9733, 11.9898
YIQ	161.7590, -46.6060, -124.5740

Conversions

Conversions Part 2

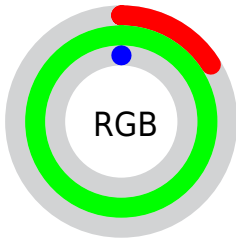
Format	Color
RYB	1, 255, 216
Decimal	2686721
CIELab	87.96, -84.19, 83.37
CIELCh	88, 118.485, 135.279
Yxy	71.9733, 0.3038, 0.5968
Android (android.graphics.Color)	4280876801 (0xFF28FF01)
YUV	161.7590, -79.2542, -106.7826
Hunter-Lab	84.8371, -71.3720, 51.0067

Details

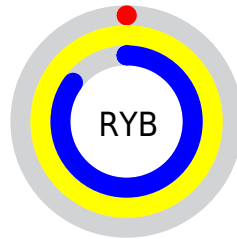
The Android color **4280876801** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark saturated green. A complement of this color would be **4292346367**, and the grayscale version is **4288914339**.

A 20% lighter version of the original color is **4286709597**, and **4278240256** is the 20% darker color. If you saturate the color by 10%, you get **4280811264**, and if you desaturate by 10%, it is **4282318618**.

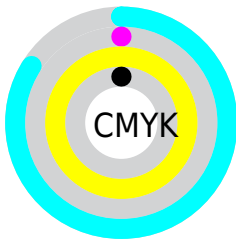
Distribution



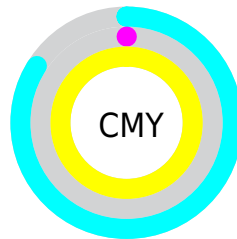
- Red (16%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (85%)



- Cyan (84%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)



- Cyan (84%)
- Magenta (0%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280876801 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 4280876801 by changing the saturation by 10% instead.

 4280876801

 4280876801

4294967295


 4278247680

 4286709597

 4278240256

 4289003387

 4278233088

 4291166105

 4278225920

 4293328823

 4278219008

 4294967253

 4278212096

 4294967283

 4278205696

 4278199040

 4278190080

■ 4280876801

■ 4280876801

■ 4280811264

■ 4282318618

■ 4283694900

■ 4285136718

■ 4286512999

■ 4287954817

■ 4289396634

■ 4290772915

■ 4292214733

■ 4293591015

Harmonies

Analogous

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



4292143360



4280876801



4278255519

Triad

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



4280876801



4278254335



4294919337

Complementary

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



4280876801



4292346367

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.



4294923519



4280876801



4278245375

Square

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



4280876801



4278255615



4294942463



4294936889

Rectangle

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



4280876801



4278255598



4294942463



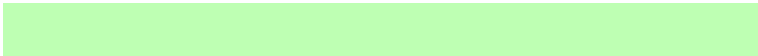
4294916558

Sweetspot

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



4280876801



4290707379



4294956289



4284055634



4278190080



4286611584

Same Dimension

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



4280876801



4280811264



4278320982



4285890675



4280139520



4278861824

Inverse Universe

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



4292346367



4292346111



4294902186



4286477184



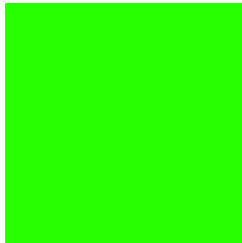
4288807103



4281729088

Previews

White Background



This preview shows how the Android color 4280876801 looks on a white background.

Color Contrast Check

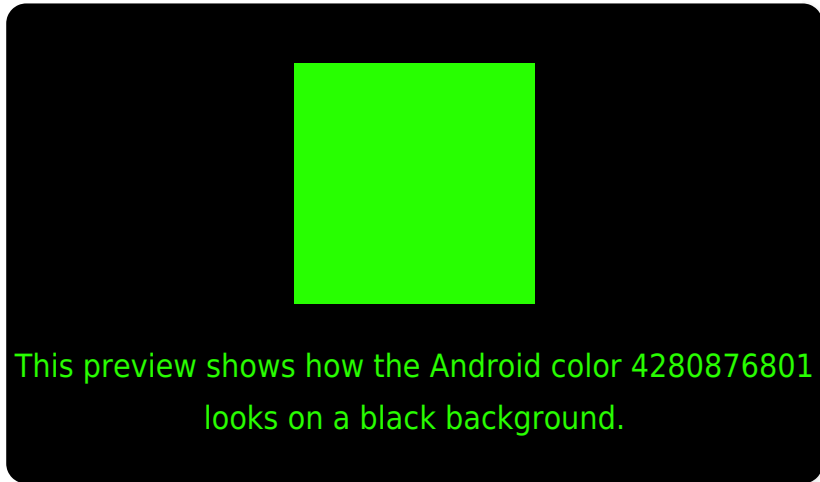
Large Text (above 18pt) WCAG AA × Fail

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 4280876801 Background



This preview shows how black text looks on a background with the Android color 4280876801.



This preview shows how white text looks on a background with the Android color 4280876801.

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

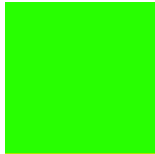


Original Color
4280876801

Protanopia
4294368000

Deuteranopia
4294955921

Trichromacy



Original Color

4280876801



Protanomaly

4289456128



Deuteranomaly

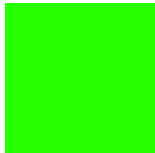
4289848157



Tritanomaly

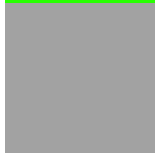
4284150691

Monochromacy



Original Color

4280876801



Achromatopsia

4288848546



Achromatomaly

4285973607

CSS Examples

Text

The CSS property to change the color of the text to Android 4280876801 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(40, 255, 1)` looks like.

```
.text, #text, p{  
    color:rgb(40, 255, 1)  
}
```

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(40, 255, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 255, 1) }
```

Border

The CSS property to change the border of an element to Android 4280876801 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(40, 255, 1) }
```

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

```
.border{ border-color:rgb(40, 255, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 255, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 255, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 255, 1);  
box-shadow:4px 4px 4px 4px rgb(40, 255, 1)  
}
```

Background

The CSS property to change the background color of an element to Android 4280876801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 255, 1) }
```

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

```
.background{ background-color: rgb(40, 255,  
1) }
```

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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