

Converting Colors

Android(4280800000)

Have a look what the booklet for
Android(4280800000) contains.

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Color

Android(4280800000)

Conversions

Conversions Part 1

Format	Color
Hex	27D300
RGB	39, 211, 0
RGB Percent	15%, 83%, 0%
CMY	0.8471, 0.1725, 1.0000
CMYK	0.82, 0.00, 1.00, 0.17
HSL	109°, 100%, 41%
HSV	109°, 100%, 83%
XYZ	24.1310, 47.0199, 7.8039
YIQ	135.5180, -34.7810, -102.0850

Conversions

Conversions Part 2

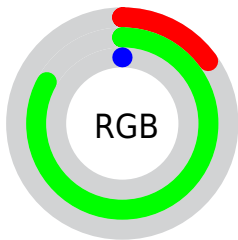
Format	Color
RYB	0, 211, 172
Decimal	2609920
CIELab	74.20, -72.20, 72.44
CIELCh	74, 102.280, 134.903
Yxy	47.0199, 0.3056, 0.5955
Android (android.graphics.Color)	4280800000 (0xFF27D300)
YUV	135.5180, -66.8104, -84.6463
Hunter-Lab	68.5710, -57.1830, 41.2521

Details

The Android color `4280800000` 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 `4289462483`, and the grayscale version is `4287137928`.

A 20% lighter version of the original color is `4285988691`, and `4278229760` is the 20% darker color. If you saturate the color by 10%, you get `4280800000`, and if you desaturate by 10%, it is `4281914133`.

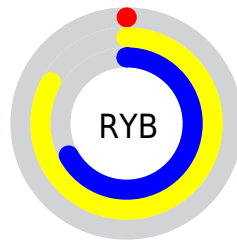
Distribution



Red (15%)

Green (83%)

Blue (0%)



Red (0%)

Yellow (83%)

Blue (67%)

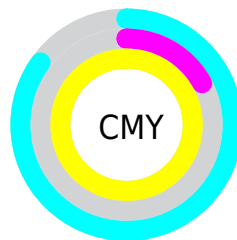


Cyan (82%)

Magenta (0%)

Yellow (100%)

Black (17%)



Cyan (85%)

Magenta (17%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280800000 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 4280800000 by changing the saturation by 10% instead.

 4280800000

 4280800000

4294967295

 4278236928

 4285988691

 4278229760

 4288151408

 4278222592

 4290183053

 4278215936

 4292280234

 4278209280

 4294311879


 4278203136

 4294967269

 4278195968

 4278190080

 4280800000

 4281914133

 4283028266

 4284207935

 4285322068

 4286436202

 4287550335

 4288664468

 4289844137

 4290958270

Harmonies

Analogous

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



4289839360



4280800000



4278246530

Triad

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



4280800000



4278243327



4294916236

Complementary

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



4280800000



4289462483

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.



4294920170



4280800000



4278235903

Square

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



4280800000



4278246655



4294083583



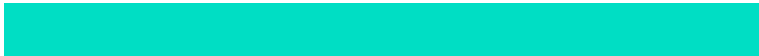
4294930479

Rectangle

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



4280800000



4278247108



4294083583



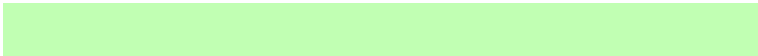
4294914219

Sweetspot

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



4280800000



4290903987



4292061440



4284121170



4278190080



4286611584

Same Dimension

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



4280800000



4281335552



4278244159



4284508510



4280264704



4278724864

Inverse Universe

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



4289462483



4291821823



4292018324



4284964457



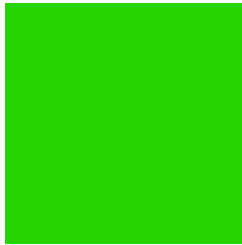
4287168680



4280352809

Previews

White Background



This preview shows how the Android color 4280800000 looks on a white background.

Color Contrast Check

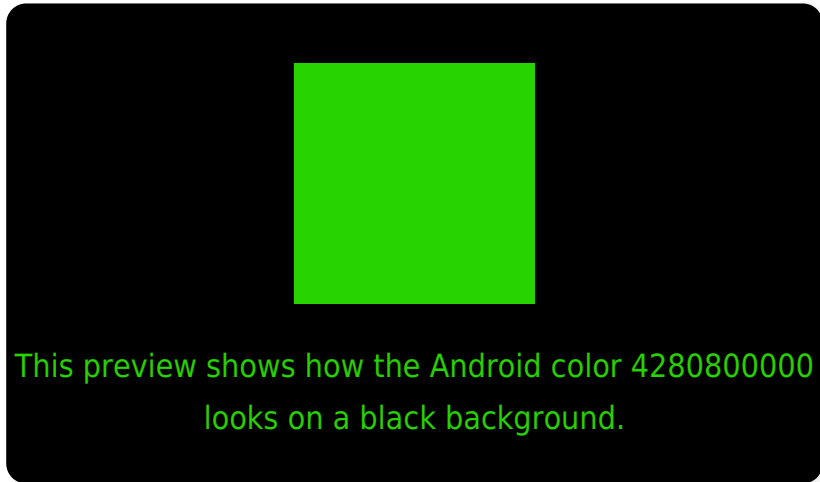
Large Text (above 18pt) WCAG AA × Fail

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 428080000 Background



This preview shows how black text looks on a background with the Android color 428080000.



This preview shows how white text looks on a background with the Android color 428080000.

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

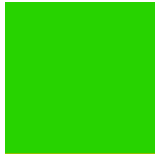


Original Color
4280800000

Protanopia
4291605760

Deuteranopia
4293110829

Trichromacy



Original Color

4280800000



Protanomaly

4287676416



Deuteranomaly

4288657949



Tritanomaly

4283156871

Monochromacy



Original Color

4280800000



Achromatopsia

4287137928



Achromatomaly

4284851031

CSS Examples

Text

The CSS property to change the color of the text to Android 4280800000 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(39, 211, 0)` looks like.

```
.text, #text, p{  
    color:rgb(39, 211, 0)  
}
```

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(39, 211, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 211, 0) }
```

Border

The CSS property to change the border of an element to Android 4280800000 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(39, 211, 0) }
```

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

```
.border{ border-color:rgb(39, 211, 0) }
```

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

Here you see how a box with a 4 pixel rgb(39, 211, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 211, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 211, 0);  
box-shadow:4px 4px 4px 4px rgb(39, 211, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4280800000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 211, 0) }
```

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

```
.background{ background-color: rgb(39, 211,  
0) }
```

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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