

Converting Colors

Android(4280733952)

Have a look what the booklet for
Android(4280733952) contains.

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Color

Android(4280733952)

Conversions

Conversions Part 1

Format	Color
Hex	26D100
RGB	38, 209, 0
RGB Percent	15%, 82%, 0%
CMY	0.8510, 0.1804, 1.0000
CMYK	0.82, 0.00, 1.00, 0.18
HSL	109°, 100%, 41%
HSV	109°, 100%, 82%
XYZ	23.5998, 46.0130, 7.6376
YIQ	134.0450, -34.8270, -101.2510

Conversions

Conversions Part 2

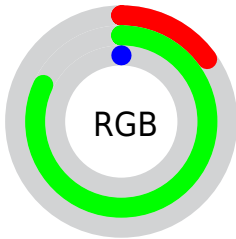
Format	Color
RYB	0, 209, 171
Decimal	2543872
CIELab	73.55, -71.75, 71.92
CIELCh	74, 101.588, 134.930
Yxy	46.0130, 0.3055, 0.5956
Android (android.graphics.Color)	4280733952 (0xFF26D100)
YUV	134.0450, -66.0842, -84.2315
Hunter-Lab	67.8329, -56.6055, 40.8073

Details

The Android color **4280733952** 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 **4289396945**, and the grayscale version is **4287072135**.

A 20% lighter version of the original color is **4285923155**, and **4278229248** is the 20% darker color. If you saturate the color by 10%, you get **4280733952**, and if you desaturate by 10%, it is **4281848085**.

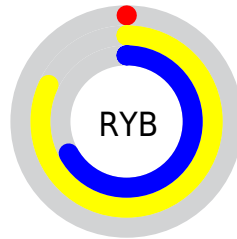
Distribution



Red (15%)

Green (82%)

Blue (0%)



Red (0%)

Yellow (82%)

Blue (67%)

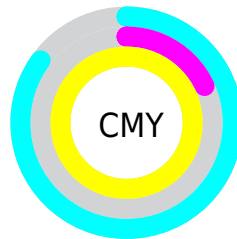


Cyan (82%)

Magenta (0%)

Yellow (100%)

Black (18%)



Cyan (85%)










Magenta (18%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280733952 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 4280733952 by changing the saturation by 10% instead.

 4280733952	 4280733952
4294967295	 4278236416
 4285923155	 4278229248
 4288085872	 4278222336
 4290117517	 4278215424
 4292149161	 4278208768
 4294246342	 4278202624
 4294967268	 4278195456
	 4278190080

 4280733952

 4281848085

 4282962218

 4284076351

 4285190484

 4286304617

 4287484285

 4288598418

 4289712551

 4290826684

Harmonies

Analogous

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



4289707776



4280733952



4278246017

Triad

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



4280733952



4278242815



4294915979

Complementary

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



4280733952



4289396945

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.



4294919912



4280733952



4278235647

Square

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



4280733952



4278246143



4293952255



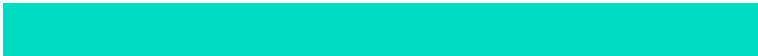
4294930223

Rectangle

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



4280733952



4278246594



4293952255



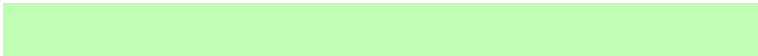
4294913962

Sweetspot

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



4280733952



4290838451



4291930880



4284121170



4278190080



4286611584

Same Dimension

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



4280733952



4281270016



4278243650



4284508510



4280264704



4278659328

Inverse Universe

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



4289396945



4291887359



4291887247



4284964457



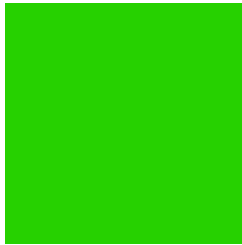
4287234216



4280352809

Previews

White Background



This preview shows how the Android color 4280733952 looks on a white background.

Color Contrast Check

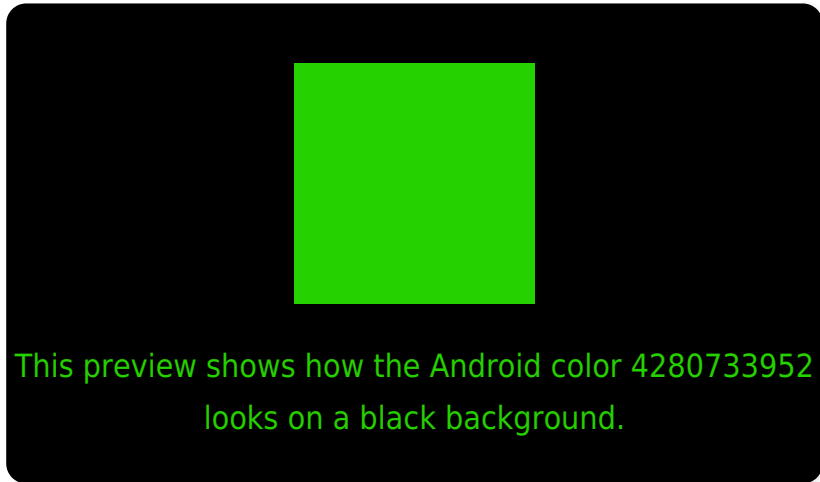
Large Text (above 18pt) WCAG AA × Fail

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

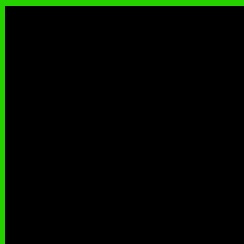
Any Text WCAG AA ✓ Pass

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 4280733952 Background



This preview shows how black text looks on a background with the Android color 4280733952.



This preview shows how white text looks on a background with the Android color 4280733952.

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

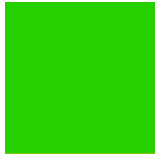


Original Color
4280733952

Protanopia
4291474432

Deuteranopia
4292979245

Trichromacy



Original Color

4280733952



Protanomaly

4287545088



Deuteranomaly

4288526365



Tritanomaly

4283090822

Monochromacy



Original Color

4280733952



Achromatopsia

4287006342



Achromatomaly

4284719445

CSS Examples

Text

The CSS property to change the color of the text to Android 4280733952 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(38, 209, 0)` looks like.

```
.text, #text, p{  
    color:rgb(38, 209, 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(38, 209, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 209, 0) }
```

Border

The CSS property to change the border of an element to Android 4280733952 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(38, 209, 0) }
```

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

```
.border{ border-color:rgb(38, 209, 0) }
```

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

Here you see how a box with a 4 pixel rgb(38, 209, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 209, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 209, 0);  
box-shadow:4px 4px 4px 4px rgb(38, 209, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4280733952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 209, 0) }
```

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

```
.background{ background-color: rgb(38, 209,  
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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