

Converting Colors

Android(4280838231)

Have a look what the booklet for
Android(4280838231) contains.

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Color

Android(4280838231)

Conversions

Conversions Part 1

Format	Color
Hex	286857
RGB	40, 104, 87
RGB Percent	16%, 41%, 34%
CMY	0.8431, 0.5922, 0.6588
CMYK	0.62, 0.00, 0.16, 0.59
HSL	164°, 44%, 28%
HSV	164°, 62%, 41%
XYZ	7.5457, 11.0399, 10.7500
YIQ	82.9260, -32.6870, -18.8550

Conversions

Conversions Part 2

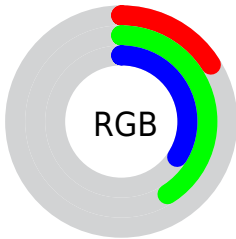
Format	Color
R_{YB}	40, 77, 104
Decimal	2648151
CIE _{Lab}	39.65, -24.97, 3.51
CIE _{LCh}	40, 25.212, 172.004
Yxy	11.0399, 0.2572, 0.3763
Android (android.graphics.Color)	4280838231 (0xFF286857)
YUV	82.9260, 2.0085, -37.6461
Hunter-Lab	33.2263, -17.6087, 4.0757

Details

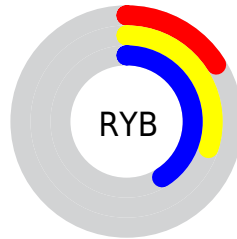
The Android color `4280838231` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4285016121`, and the grayscale version is `4283650899`.

A 20% lighter version of the original color is `4284259465`, and `4278204458` is the 20% darker color. If you saturate the color by 10%, you get `4280182868`, and if you desaturate by 10%, it is `4281493594`.

Distribution



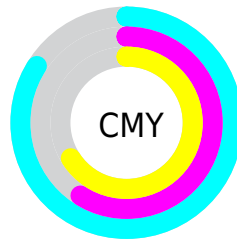
- Red (16%)
- Green (41%)
- Blue (34%)



- Red (16%)
- Yellow (30%)
- Blue (41%)



- Cyan (62%)
- Magenta (0%)
- Yellow (16%)
- Black (59%)



- Cyan (84%)
- Magenta (59%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280838231 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 4280838231 by changing the saturation by 10% instead.



4280838231



4280838231

4294967295



4278734912



4284259465



4278204458



4285970339



4278199061



4287746750



4278190080



4289589210



4291428342



4293263359



4280838231



4280838231



4280182868



4281493594

■ 4279461969

■ 4282214493

■ 4278806607

■ 4282869855

■ 4278216780

■ 4283590754

■ 4284246117

■ 4284901480

■ 4285622378

■ 4286277741

■ 4286998640

Harmonies

Analogous

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



4282672707



4280838231



4278413420

Triad

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



4280838231



4283980419



4286534462

Complementary

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



4280838231



4285016121

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.



4286926415



4280838231



4285682551

Square

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



4280838231



4281688454



4286664292



4285553205

Rectangle

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



4280838231



4278216568



4286664292



4286730563

Sweetspot

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



4280838231



4285499265



4281952296



4281746753



4291085508



4282729797

Same Dimension

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



4280838231



4280518509



4280834408



4281217842



4278219604



4278252210

Inverse Universe

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



4285016121



4287046462



4285019944



4281544239



4285726750



4294049856

Previews

White Background



This preview shows how the Android color 4280838231 looks on a white background.

Color Contrast Check

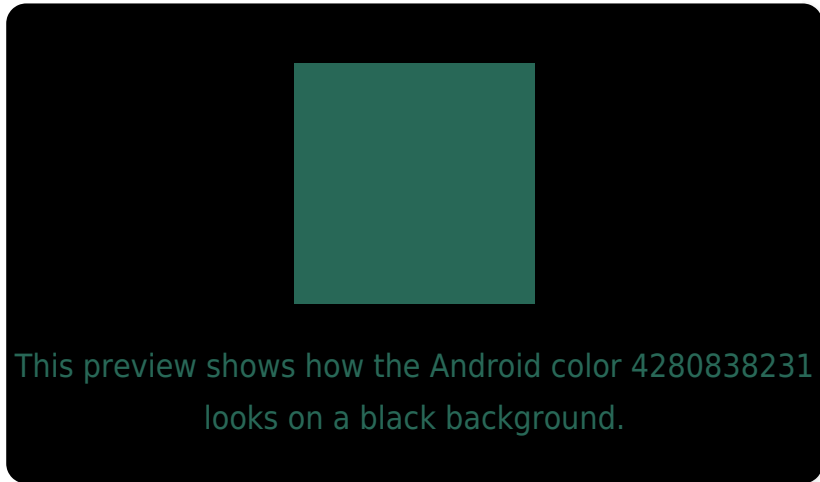
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4280838231 Background



This preview shows how black text looks on a background with the Android color 4280838231.



This preview shows how white text looks on a background with the Android color 4280838231.

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
4280838231

Protanopia
4284570961

Deuteranopia
4284963418

Trichromacy



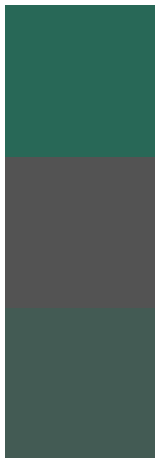
Original Color
4280838231

Protanomaly
4283195731

Deuteranomaly
4283457369

Tritanomaly
4281165413

Monochromacy



Original Color
4280838231

Achromatopsia
4283650899

Achromatomaly
4282604372

CSS Examples

Text

The CSS property to change the color of the text to Android 4280838231 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, 104, 87)` looks like.

```
.text, #text, p{  
    color:rgb(40, 104, 87)  
}
```

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, 104, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 104, 87) }
```

Border

The CSS property to change the border of an element to Android 4280838231 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, 104, 87) }
```

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

```
.border{ border-color:rgb(40, 104, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 104, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 104, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 104, 87);  
box-shadow:4px 4px 4px 4px rgb(40, 104,  
87) }
```

Background

The CSS property to change the background color of an element to Android 4280838231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 104, 87) }
```

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

```
.background{ background-color: rgb(40, 104,  
87) }
```

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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