

Converting Colors

Android(4280837231)

Have a look what the booklet for
Android(4280837231) contains.

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Color

Android(4280837231)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 28646F |
| RGB | 40, 100, 111 |
| RGB Percent | 16%, 39%, 44% |
| CMY | 0.8431, 0.6078, 0.5647 |
| CMYK | 0.64, 0.10, 0.00, 0.56 |
| HSL | 189°, 47%, 30% |
| HSV | 189°, 64%, 44% |
| XYZ | 8.3015, 10.7132, 16.6692 |
| YIQ | 83.3140, -39.2910, -9.2990 |

Conversions

Conversions Part 2

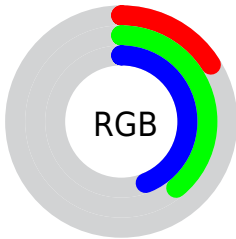
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 40, 73, 111 |
| Decimal | 2647151 |
| CIELab | 39.09, -15.63, -12.00 |
| CIELCh | 39, 19.706, 217.525 |
| Yxy | 10.7132, 0.2326, 0.3002 |
| Android (android.graphics.Color) | 4280837231 (0xFF28646F) |
| YUV | 83.3140, 13.6492, -37.9864 |
| Hunter-Lab | 32.7310, -12.0066, -7.2836 |

Details

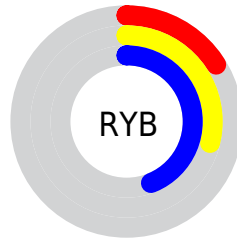
The Android color **4280837231** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4285477672**, and the grayscale version is **4283650899**.

A 20% lighter version of the original color is **4284389283**, and **4278203711** is the 20% darker color. If you saturate the color by 10%, you get **4280115823**, and if you desaturate by 10%, it is **4281558639**.

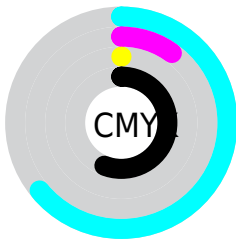
Distribution



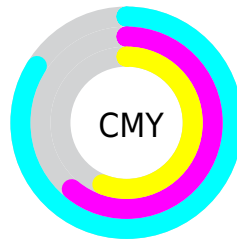
- Red (16%)
- Green (39%)
- Blue (44%)



- Red (16%)
- Yellow (29%)
- Blue (44%)



- Cyan (64%)
- Magenta (10%)
- Yellow (0%)
- Black (56%)



- Cyan (84%)
- Magenta (61%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280837231 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 4280837231 by changing the saturation by 10% instead.

4280837231

4280837231

4294967295

4278471767

4284389283

4278203711

4286100158

4278198313

4287876569

4278190357

4289719030

4278190080

4291559423

4293459967

4280837231

4280837231

4280115823

4281558639

■ 4279394671

■ 4282279791

■ 4278673263

■ 4283001199

■ 4278214255

■ 4283722607

■ 4284509551

■ 4285230703

■ 4285952111

■ 4286673519

■ 4287394671

Harmonies

Analogous

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



4281230688



4280837231



4281753977

Triad

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



4280837231



4285813353



4284701756

Complementary

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



4280837231



4285477672

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.



4285683519



4280837231



4286337113

Square

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



4280837231



4284700533



4286206537



4283588930

Rectangle

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



4280837231



4282736252



4286206537



4285094716

Sweetspot

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



4280837231



4285959569



4280839987



4281943882



4291414473



4283058762

Same Dimension

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



4280837231



4280385681



4280828271



4281481016



4278216056



4278243831

Inverse Universe

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



4285474916



4287701376



4285486632



4281872951



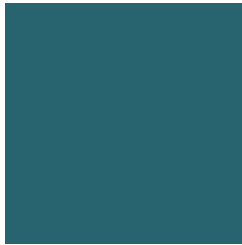
4286054501



4294377681

Previews

White Background



This preview shows how the Android color 4280837231 looks on a white background.

Color Contrast Check

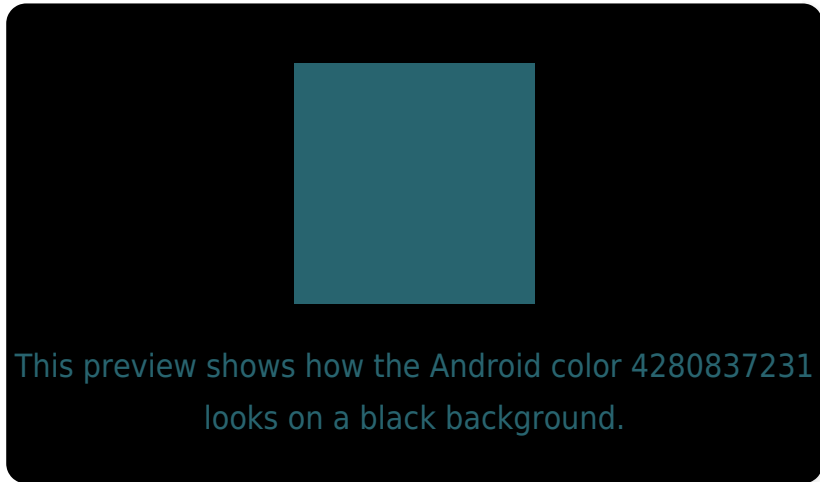
Large Text (above 18pt) WCAG AA ✓ Pass

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

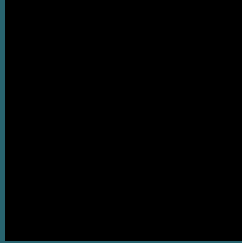
Any Text WCAG AA × Fail

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 4280837231 Background



This preview shows how black text looks on a background with the Android color 4280837231.



This preview shows how white text looks on a background with the Android color 4280837231.

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

4280837231

Protanopia

4284046185

Deuteranopia

4284111473

Trichromacy



Original Color

4280837231

Protanomaly

4282867307

Deuteranomaly

4282932848

Tritanomaly

4280771694

Monochromacy



Original Color

4280837231

Achromatopsia

4283650899

Achromatomaly

4282603869

CSS Examples

Text

The CSS property to change the color of the text to Android 4280837231 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, 100, 111)` looks like.

```
.text, #text, p{  
    color:rgb(40, 100, 111)  
}
```

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, 100, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 100, 111) }
```

Border

The CSS property to change the border of an element to Android 4280837231 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, 100, 111) }
```

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

```
.border{ border-color:rgb(40, 100, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 100, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 100, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 100, 111);  
box-shadow:4px 4px 4px 4px rgb(40, 100,  
111) }
```

Background

The CSS property to change the background color of an element to Android 4280837231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 100, 111) }
```

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

```
.background{ background-color: rgb(40, 100,  
111) }
```

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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