

Converting Colors

Android(4280839831)

Have a look what the booklet for
Android(4280839831) contains.

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Color

Android(4280839831)

Conversions

Conversions Part 1

Format	Color
Hex	286E97
RGB	40, 110, 151
RGB Percent	16%, 43%, 59%
CMY	0.8431, 0.5686, 0.4078
CMYK	0.74, 0.27, 0.00, 0.41
HSL	202°, 58%, 37%
HSV	202°, 74%, 59%
XYZ	12.0369, 13.8373, 31.3146
YIQ	93.7440, -54.8810, -2.0890

Conversions

Conversions Part 2

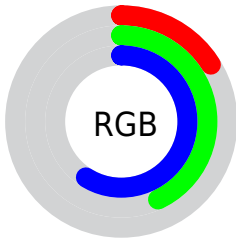
Format	Color
RYB	40, 83, 151
Decimal	2649751
CIELab	44.00, -7.53, -28.57
CIELCh	44, 29.544, 255.243
Yxy	13.8373, 0.2105, 0.2420
Android (android.graphics.Color)	4280839831 (0xFF286E97)
YUV	93.7440, 28.2272, -47.1335
Hunter-Lab	37.1986, -7.3375, -23.8727

Details

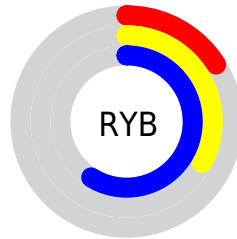
The Android color `4280839831` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4288106792`, and the grayscale version is `4284374622`.

A 20% lighter version of the original color is `4284785101`, and `4278206308` is the 20% darker color. If you saturate the color by 10%, you get `4279855255`, and if you desaturate by 10%, it is `4281824407`.

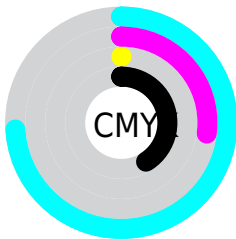
Distribution



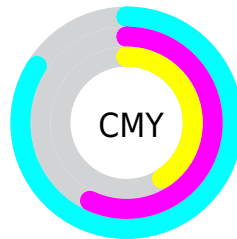
- Red (16%)
- Green (43%)
- Blue (59%)



- Red (16%)
- Yellow (33%)
- Blue (59%)



- Cyan (74%)
- Magenta (27%)
- Yellow (0%)
- Black (41%)



- Cyan (84%)
- Magenta (57%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280839831 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 4280839831 by changing the saturation by 10% instead.



4280839831



4280839831

4294967295



4278212221



4284785101



4278206308



4286627050



4278200652



4288534783



4278195509



4290377215



4278190623



4292280319



4278190082



4294246399



4278190080



4280839831



4280839831



4279855255



4281824407

■ 4278870935

■ 4282808727

■ 4278214551

■ 4283793303

■ 4284777623

■ 4285827735

■ 4286812055

■ 4287796631

■ 4288781207

■ 4289765527

Harmonies

Analogous

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



4278219658



4280839831



4283983511

Triad

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



4280839831



4288107868



4283461957

Complementary

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



4280839831



4288106792

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.



4285229880



4280839831



4287781446

Square

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



4280839831



4287649397



4286734904



4281234523

Rectangle

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



4280839831



4285554832



4286734904



4284051263

Sweetspot

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



4280839831



4288263364



4280850257



4283062883



4293125091



4284703587

Same Dimension

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



4280839831



4279797188



4280825751



4282731085



4278212748



4278192141

Inverse Universe

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



4288096366



4291041413



4288120872



4283254090



4287365208



4279042056

Previews

White Background



This preview shows how the Android color 4280839831 looks on a white background.

Color Contrast Check

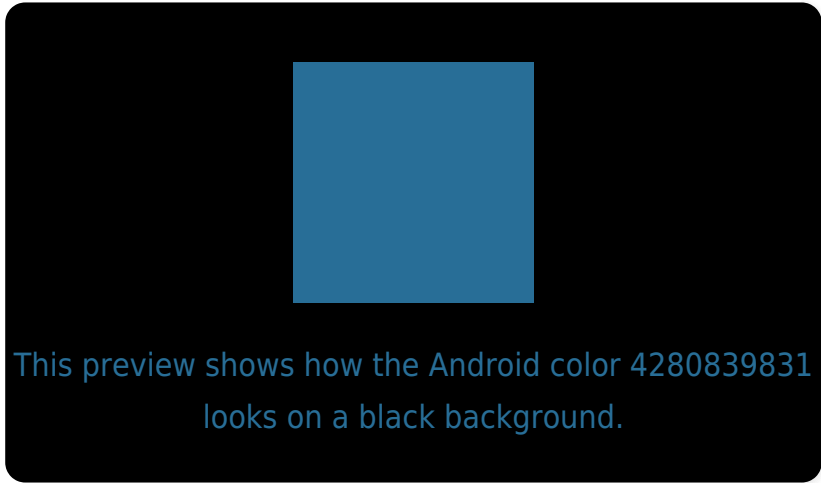
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280839831 Background



This preview shows how black text looks on a background with the Android color 4280839831.

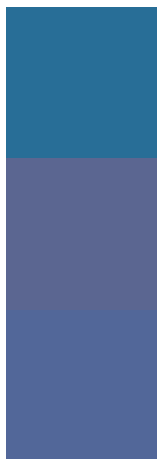


This preview shows how white text looks on a background with the Android color 4280839831.

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
4280839831

Protanopia
4284180113

Deuteranopia
4283590553

Trichromacy



Original Color
4280839831

Protanomaly
4282935699

Deuteranomaly
4282608280

Tritanomaly
4279660934

Monochromacy



Original Color
4280839831

Achromatopsia
4284374622

Achromatomaly
4283065459

CSS Examples

Text

The CSS property to change the color of the text to Android 4280839831 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, 110, 151)` looks like.

```
.text, #text, p{  
    color:rgb(40, 110, 151)  
}
```

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, 110, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 110, 151) }
```

Border

The CSS property to change the border of an element to Android 4280839831 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, 110, 151) }
```

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

```
.border{ border-color:rgb(40, 110, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 110, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 110, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 110, 151);  
box-shadow:4px 4px 4px 4px rgb(40, 110,  
151) }
```

Background

The CSS property to change the background color of an element to Android 4280839831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 110, 151) }
```

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

```
.background{ background-color: rgb(40, 110,  
151) }
```

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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