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Changing style of overlay container

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I use a git project for a virtual keyboard (https://ngx-material-keyboard.github.io/demo/). And I have some issues to get it running on a small device with 450*250 pixel.

At the end I found the necessary changes in the css if I modify it directly at the web browser with dev tools.

1

Now I have to find the right position to change the sources.

There will be used the overlay component from angular2-material to visualize the keyboard.

If I comment out the position in the cdk-overlay-container, it works:

```
.cdk-overlay-container {
/* position: fixed; */
z-index: 1000;

}
```

But I cant overwrite these from my angular application. Any suggestions?

Screenshot of changes

angular angular-material2 angular-cdk

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edited Apr 17 '18 at 21:21
Kim Kern
17.5k ● 6 ● 48 ● 73

asked Aug 10 '17 at 9:45
user1025633
113 ● 1 ● 1 ● 5

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5 Answers

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UPDATED ANSWER

From the official documentation:

> **Styling overlay components**
>
> Overlay-based components have a panelClass property (or similar) that can be used to target the overlay pane.

You can override the default dialog container styles by adding a css class in your global `styles.css` . For example:

```
custom-dialog-container .mat-dialog-container {
```

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```
    /* add your styles */
}
```

After that, you'll need to providies you css class as a `panelClass` parameter to your dialog:

```
this.dialog.open(MyDialogComponent, { panelClass: 'custom-dialog-container' })
```

Read this official documentation for more information.

ORIGINAL ANSWER

Use `::ng-deep` in your component.css to override the default styles.

```
::ng-deep .cdk-overlay-container {
    /* Do you changes here */
    position: fixed;
    z-index: 1000;
}
```

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edited Jul 5 '18 at 7:22

answered Aug 10 '17 at 15:11

Faisal
19.6k ● 4 ● 62 ● 81

It's worth noting that ::ng-deep is deprecated - but I can't find clarification on timeframes or alternatives – Mark Jul 5 '18 at 2:05

3 ::ng-deep doesn't stay in isolated scope, it will effect other views too – Mar Jul 19 '18 at 13:50

::ng-deep worked perfect. Thank you. – Shwet May 15 at 5:13

What if i need to set z-index of .cdk-overlay-container for mat-menu and mat-dialog separately. as i have fixed header on my site – Awais Oct 16 at 9:47

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To be able to override the Material CSS classes from your component styles, you will need to set the View Encapsulation to None on your component:

```
@Component({
    templateUrl: './my.component.html' ,
    styleUrls: ['./my.component.scss'], //or .css, depending what you use
    encapsulation: ViewEncapsulation.None,
})
```

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answered Aug 10 '17 at 12:46

Andrei Matracaru
2,774 ● 1 ● 18 ● 24

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If you want to change the styling of mat-dialogue-container adding a panel class and giving style is enough, but in case if you want to change the styling of cdk-overlay-container then adding a

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backdropClass will help

```
const dialogRef = this.dialog.open(PopupComponent, {
  backdropClass: 'popupBackdropClass',
  panelClass: 'custom-dialog-container',
  data: { data: data }
});
```

in css add

```
.popupBackdropClass {
   background-color:yellow
 }
```

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answered Sep 24 at 10:55
Pran R.V
159 ● 2 ● 9

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I sort it out myself by using two stylessheet one `Global` and other `component's` stylesheet, In global i set `z-index` to to lower value(`1000`) so that it goes behind the `header` and in `popup` component styles sheet i set that to high value(`2000`) with `!important` so that header goes behind my overlay.

That's how i manage to solve it.

Thank me later

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edited Oct 17 at 7:05

answered Oct 17 at 6:58
Awais
982 ● 4 ● 18

add a comment

0

I found that by using the main/default "Styles.css". Styling changes for the CDK (as well as Material and Animations) are picked-up properly. (caveat) I am using Angular 4 .

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edited Oct 17 at 10:19
Awais
982 ● 4 ● 18

answered Oct 31 '17 at 1:53
B Stensrud
1 ● 1

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