

In Android development, the CardView is a UI component that is used to represent information in a card-like format. It's typically used to display content within a rounded corner rectangle with shadow effects, providing a visually appealing presentation. Here are some common attributes of the CardView in Android development:

- 1. **cardBackgroundColor:** This attribute sets the background colour of the CardView.*
- 2. **cardCornerRadius:** Sets the radius of the corners of the CardView, creating rounded corners.*
- 3. **cardElevation:** Sets the elevation of the CardView, determining the shadow effect's size and depth.*
- 4. **cardMaxElevation:** Sets the maximum elevation of the CardView.*
- 5. **cardUseCompatPadding:** Specifies whether to add additional padding to the CardView to account for compatibility issues with older versions of Android.*
- 6. **contentPadding:** Sets the padding inside the CardView.*
- 7. **cardPreventCornerOverlap:** Specifies whether to prevent corner overlap when the CardView has a corner radius set.*
- 8. **cardBackgroundColor:** Sets the background colour of the CardView.*
- 9. **cardUseCompatPadding:** Specifies whether to add additional padding to the CardView to ensure it fits within its parent.*
- 10. **cardVisible:** Sets the visibility of the CardView.*

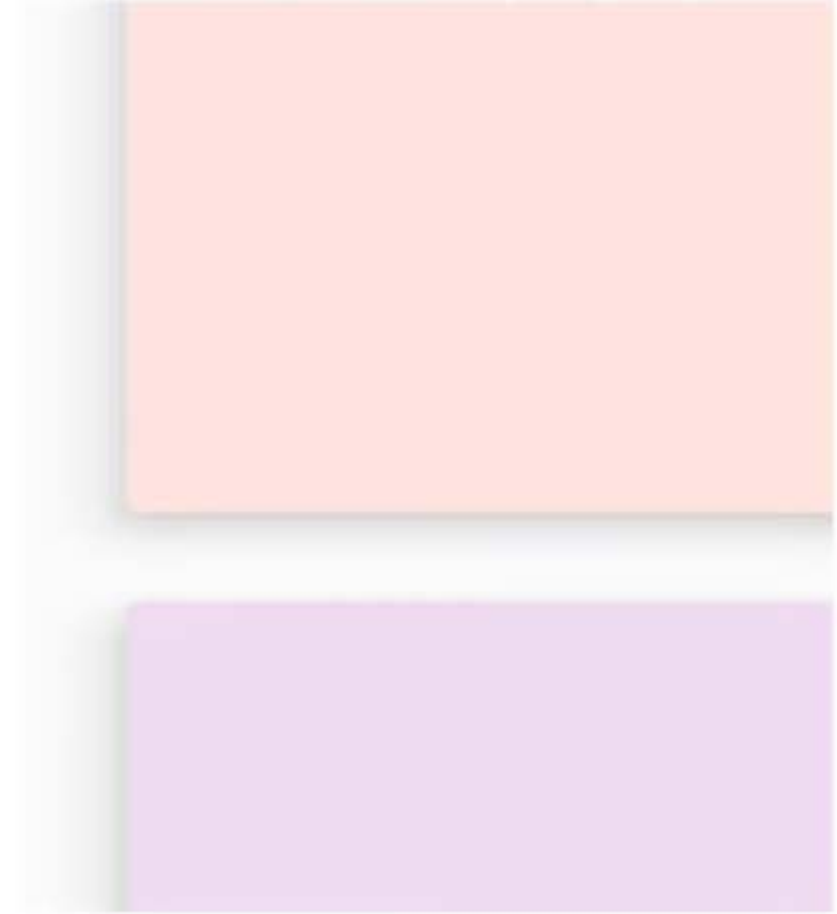
These attributes can be set either programmatically in Java/Kotlin code or in XML layout files.

What is Card View?

- display of data in similarly styled containers.
- These cards have a default elevation above their containing view group, so the system draws shadows below them.



Card View on Android Smartphone



Card View

Card View Example

Press `Esc` to exit full screen



```
11
12 <androidx.cardview.widget.CardView
13     android:layout_width="340dp"
14     android:layout_height="650dp"
15     app:cardElevation="16dp"
16     app:cardCornerRadius="5dp"
17     app:cardUseCompatPadding="true">
18
19     <LinearLayout
20         android:layout_width="match_parent"
21         android:layout_height="match_parent"
22         android:background="#2AFF5722"/>
23
24
25 </androidx.cardview.widget.CardView>
```

Scroll for details

