



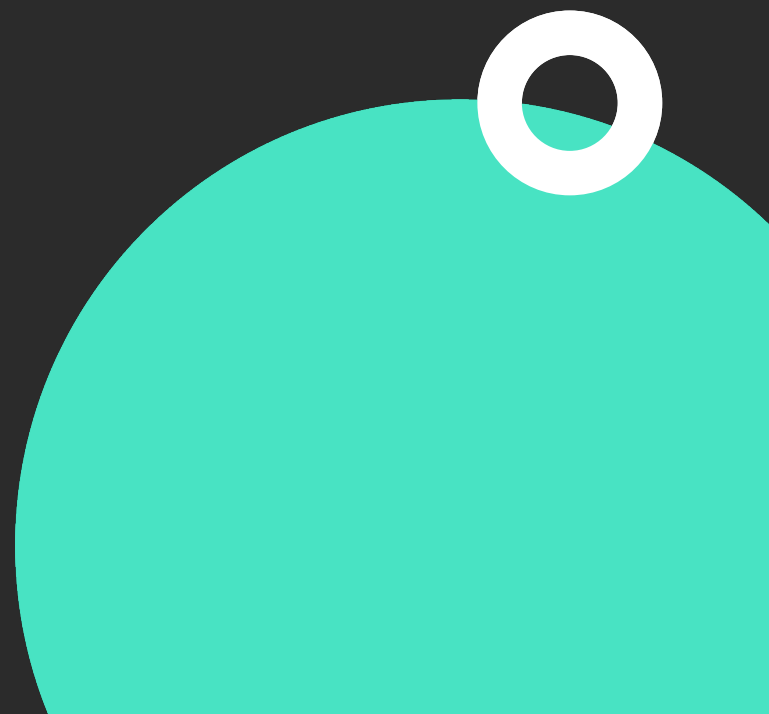
# Adding Customized Preview



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# Overview

In this section, you will learn about:

- The `@Preview` annotation
- Different configurations of `@Preview`
- Dark theme previews



# Adding a Basic Preview

```
@Preview
@Composable
fun BorrowPreview() {
    BorrowTheme {
        Greeting("Android")
    }
}
```



# @Preview Annotation

```
annotation class Preview(  
    val name: String = "",  
    val group: String = "",  
    @IntRange(from = 1) val apiLevel: Int = -1,  
    val widthDp: Int = -1,  
    val heightDp: Int = -1,  
    val locale: String = "",  
    @FloatRange(from = 0.01) val fontScale: Float = 1f,  
    val showSystemUi: Boolean = false,  
    val showBackground: Boolean = false,  
    val backgroundColor: Long = 0,  
    @UiMode val uiMode: Int = 0,  
    @Device val device: String = Devices.DEFAULT  
)
```



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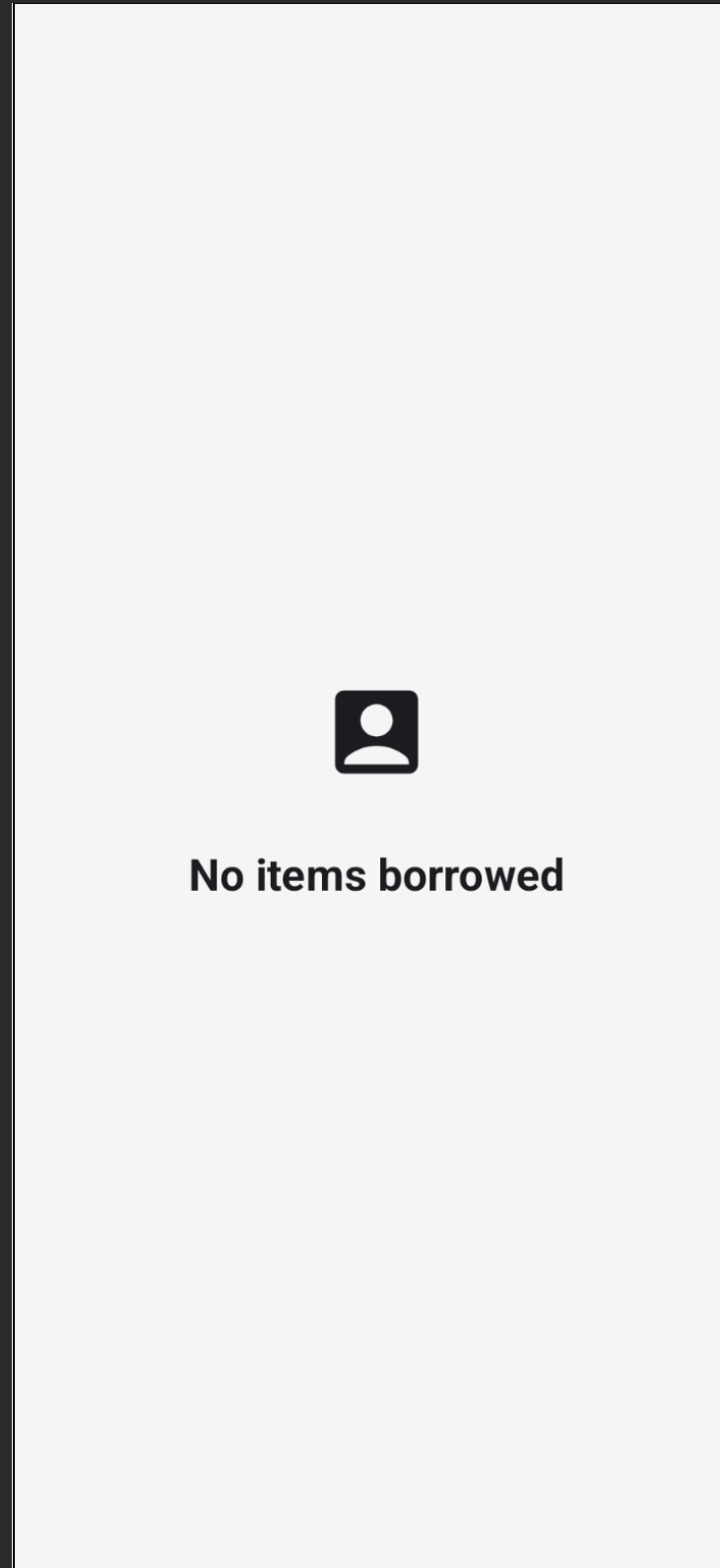


# @Preview Annotation

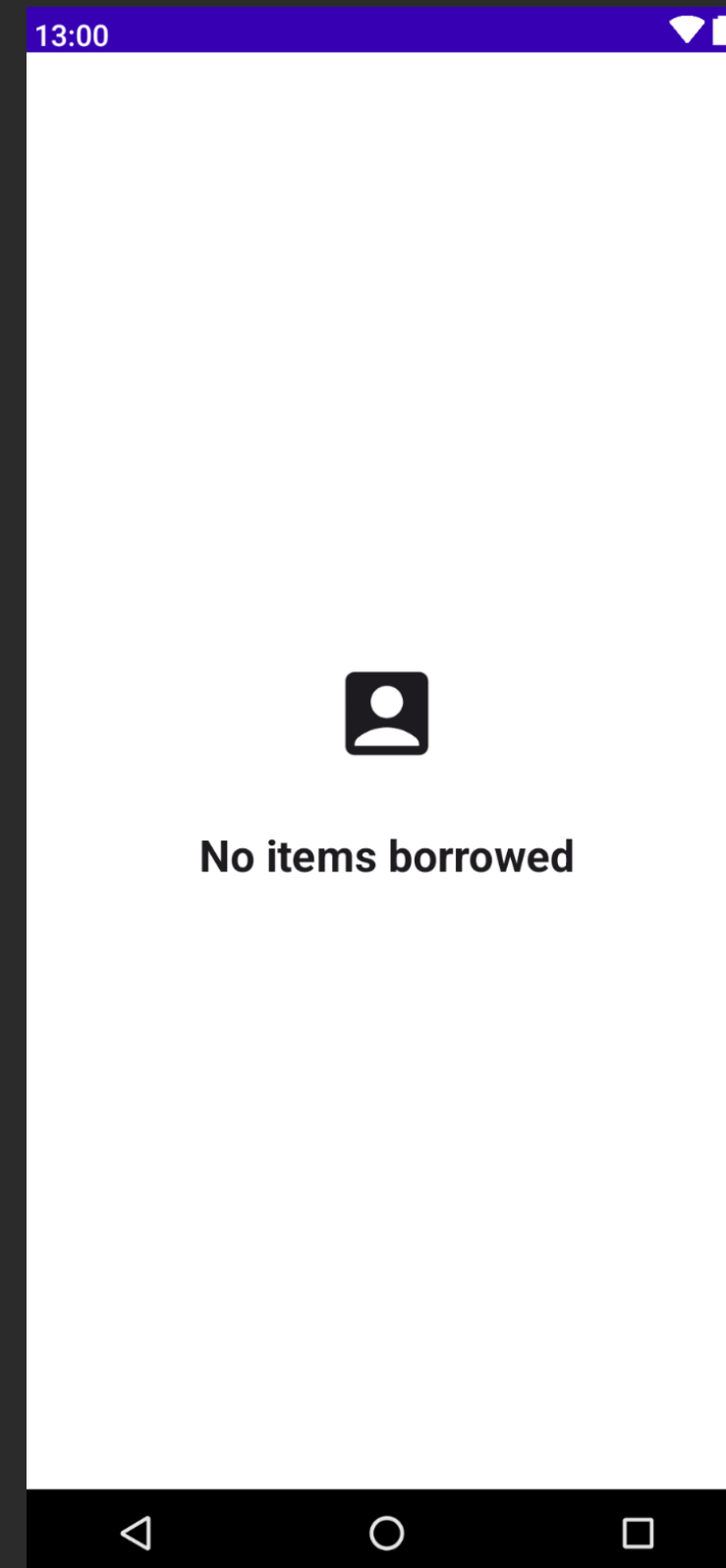
- `showSystemUi`
  - Display the status bar and navigation bar of the device
- `showBackground`
  - Use a default background color for the Composable
- `backgroundColor`
  - The color corresponding to `showBackground`
- `uiMode`
  - Bit mask of `Configuration.uiMode`
- `device`
  - Name of the device to be used in Preview



# showSystemUi



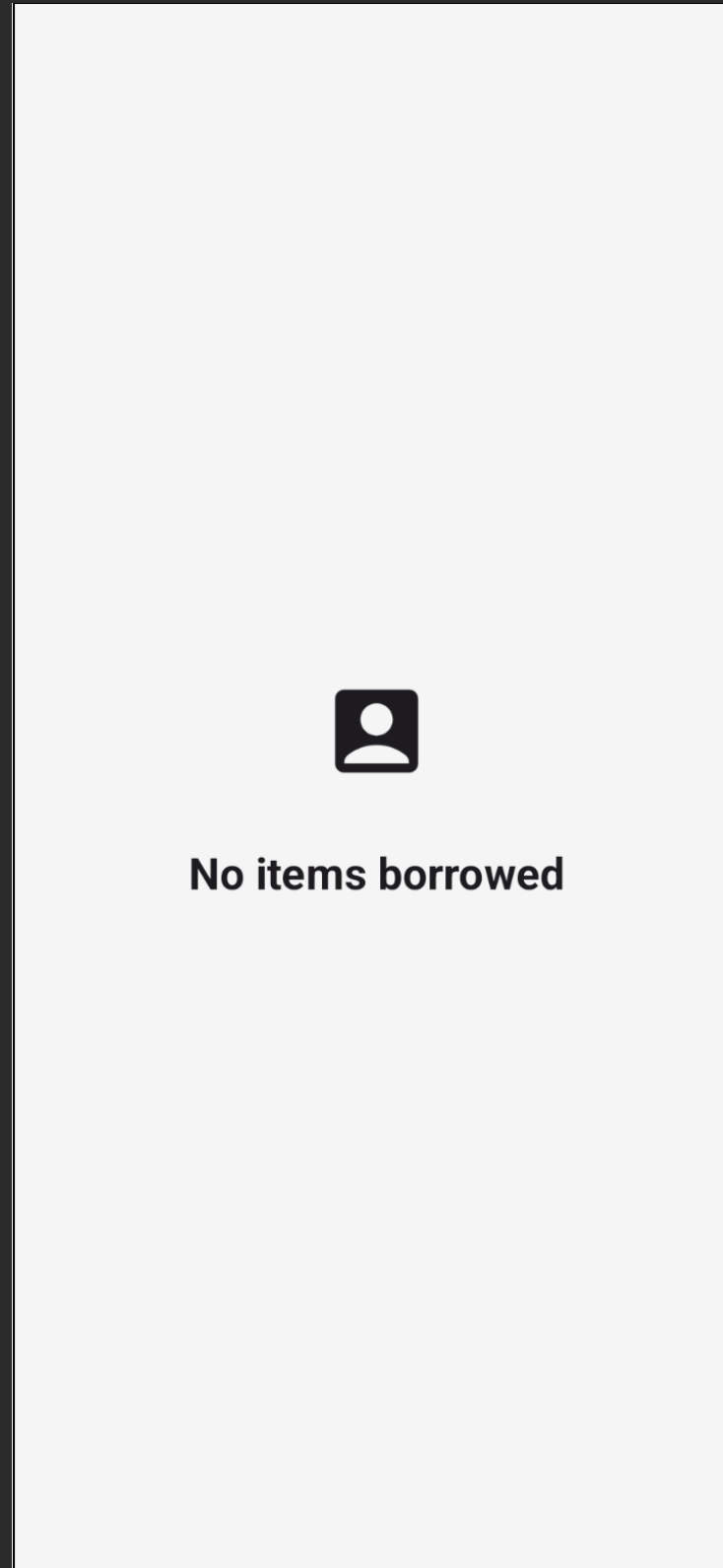
false



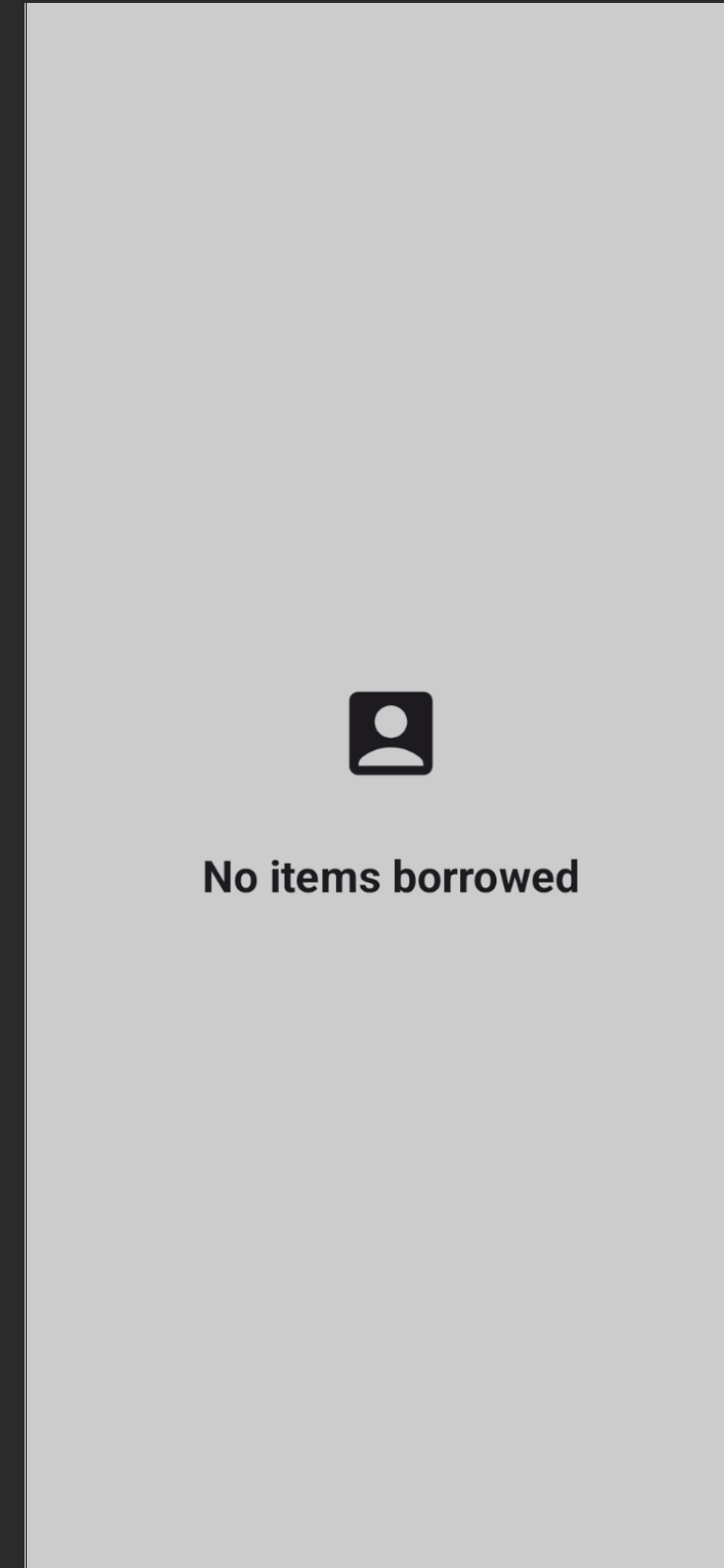
true







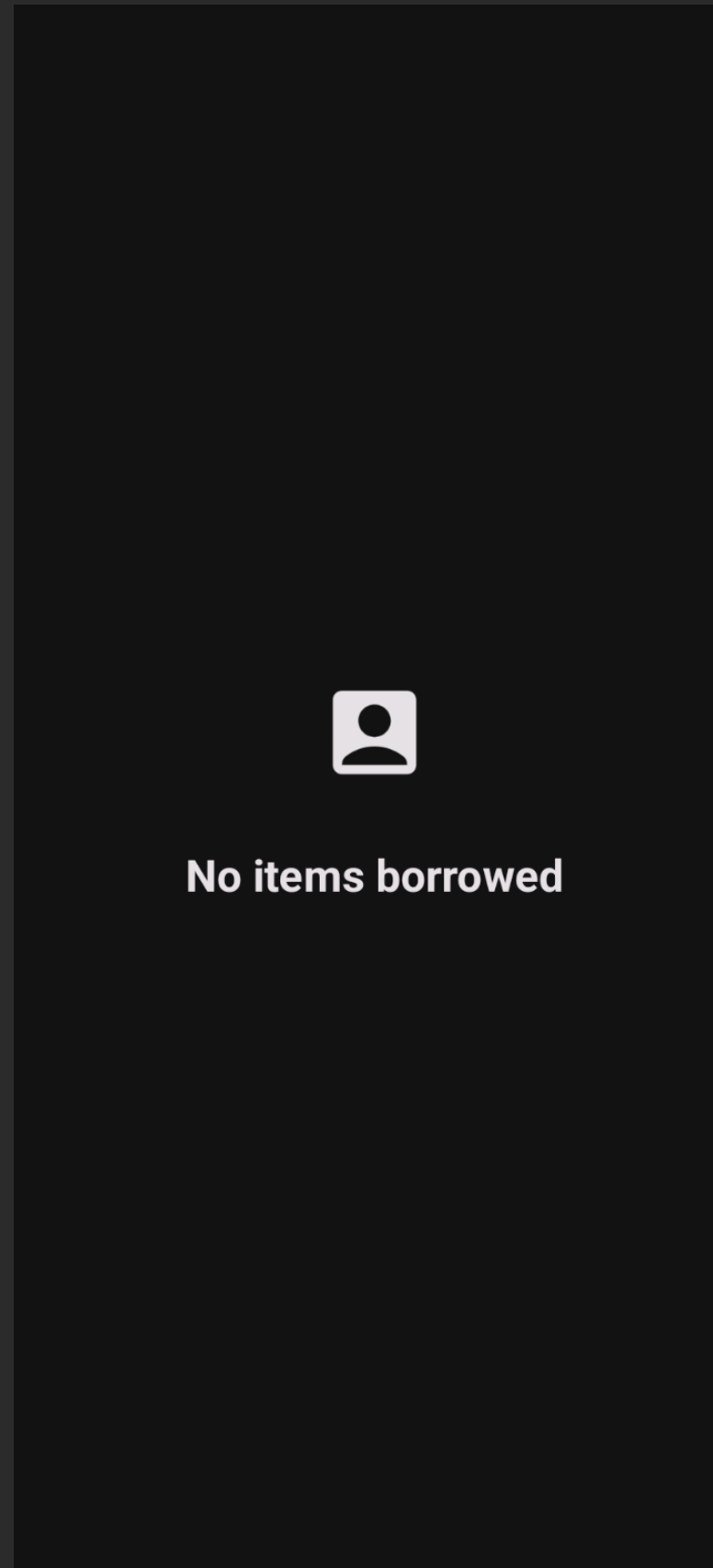
showBackground = false



showBackground = true  
backgroundColor = 0xFFCCCC



# uiMode



Configuration.UI\_MODE\_NIGHT\_YES



device



No items borrowed

NEXUS\_6P



No items borrowed

PIXEL\_4



# Summary

In this section, you learned:

- Previews in Jetpack Compose are highly customizable
- The `@Preview` annotation adds previews inside Android Studio
- `uiMode = UI_MODE_NIGHT_YES` sets the preview to the Dark Theme
- `name` and `group` arguments help organize previews
- Locale, device type , font scale etc. can also be customized in the previews

