



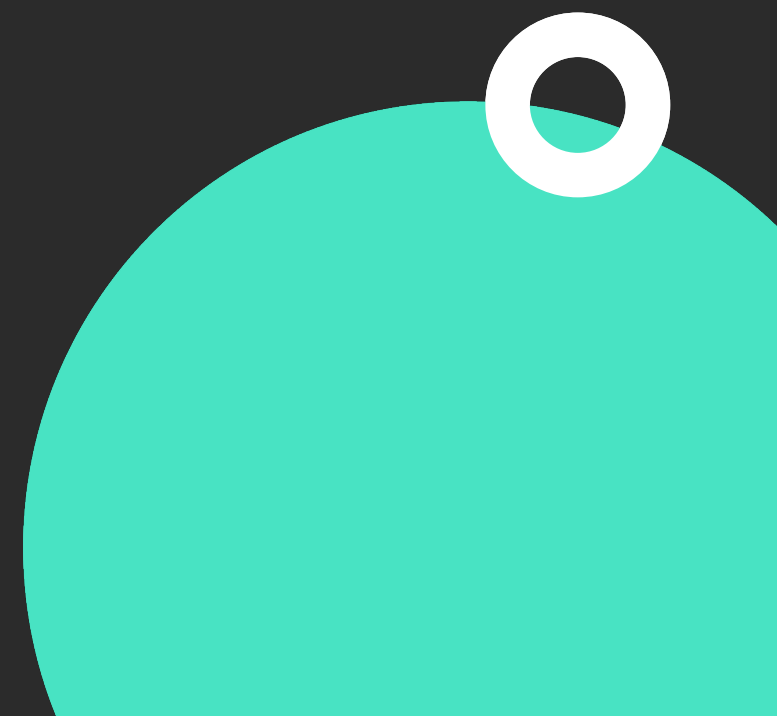
# Adding Dark Theme to an Android App with Jetpack Compose



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# Course Overview

- Material Design Styles
- Material Colors
- Themes in Jetpack Compose
- Dark Theming in Jetpack Compose
- Configurable Previews
- Passing state via `CompositionLocal`



# Prerequisites

- Experience with Kotlin programming language
  - Higher-order functions and lambda expressions
- Basic understanding of Jetpack Compose
  - Familiarity with Compose layouts, components, and modifiers



# Material Design

- Adaptable design system built and supported by Google
- Guidelines on best practices for user interface design
- Component implementations of Android, Flutter and the Web



# Material Design: Styles

- Color
- Elevation
- Icons
- Motion
- Shape
- Typography



# MaterialTheme Composable

```
@Composable
fun MaterialTheme(
    colors: Colors = MaterialTheme.colors,
    typography: Typography = MaterialTheme.typography,
    shapes: Shapes = MaterialTheme.shape,
    content: @Composable () -> Unit
) {
    // ...
}
```

