Chapter 1: Getting Started with Material Design
<table>
<thead>
<tr>
<th>Name</th>
<th>Size</th>
<th>Resolution</th>
<th>Density</th>
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<tbody>
<tr>
<td>Nexus 5</td>
<td>4.0&quot;</td>
<td>480x360</td>
<td>hdpi</td>
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<tr>
<td>Nexus One</td>
<td>3.7&quot;</td>
<td>480x800</td>
<td>hdpi</td>
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<td>Nexus 6</td>
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<td>1440x2560</td>
<td>560dpi</td>
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<tr>
<td>Nexus 5</td>
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<td>1080x1920</td>
<td>xhdpi</td>
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<tr>
<td>Nexus 4</td>
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<td>768x1280</td>
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<td>Material Device</td>
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<td>480x854</td>
<td>tvdpi</td>
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<tr>
<td>Galaxy Nexus</td>
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<td>720x1280</td>
<td>xhdpi</td>
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<tr>
<td>5.4&quot; FWVGA</td>
<td>5.4&quot;</td>
<td>480x854</td>
<td>mdpi</td>
</tr>
<tr>
<td>5.1&quot; WVGA</td>
<td>5.1&quot;</td>
<td>480x800</td>
<td>mdpi</td>
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<table>
<thead>
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<td>Google APIs Intel x86 Atom System Image</td>
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<td>1</td>
<td>Installed</td>
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<td>15</td>
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<td>Google Play services</td>
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<td>Google Repository</td>
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<td>Google USB Driver</td>
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<td>Intel x86 Emulator Accelerator (HAXM installer)</td>
<td>5.3</td>
<td></td>
<td>Installed</td>
</tr>
</tbody>
</table>
### Choose Components

Choose which features of Android Studio you want to install.

Check the components you want to install and uncheck the components you don't want to install. Click Next to continue.

Select components to install:

- **Android Studio**
- **Android SDK**
- **Android Virtual Device**
- **Performance (Intel® HAX)**

Space required: 3.9GB
Chapter 2: Building a Mobile Layout

![Clock](image1.png)

![Material Toolbar](image2.png)

![Icons](location.png, sleep.png, time.png)
public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        Toolbar toolbar = (Toolbar) findViewById(R.id.toolbar);
        setSupportActionBar(toolbar);
    }

    @Override
    public boolean onCreateOptionsMenuMenu(Menu menu) {
        // Inflate the menu; this adds items to the action bar if it is
        return false;
    }
<table>
<thead>
<tr>
<th>Version</th>
<th>Codename</th>
<th>API</th>
<th>Distribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.2</td>
<td>Froyo</td>
<td>8</td>
<td>0.2%</td>
</tr>
<tr>
<td>2.3.3 - 2.3.7</td>
<td>Gingerbread</td>
<td>10</td>
<td>3.8%</td>
</tr>
<tr>
<td>4.0.3 - 4.0.4</td>
<td>Ice Cream Sandwich</td>
<td>15</td>
<td>3.3%</td>
</tr>
<tr>
<td>4.1.x</td>
<td>Jelly Bean</td>
<td>16</td>
<td>11.0%</td>
</tr>
<tr>
<td>4.2.x</td>
<td></td>
<td>17</td>
<td>13.9%</td>
</tr>
<tr>
<td>4.3</td>
<td></td>
<td>18</td>
<td>4.1%</td>
</tr>
<tr>
<td>4.4</td>
<td>KitKat</td>
<td>19</td>
<td>37.8%</td>
</tr>
<tr>
<td>5.0</td>
<td>Lollipop</td>
<td>21</td>
<td>15.5%</td>
</tr>
<tr>
<td>5.1</td>
<td></td>
<td>22</td>
<td>10.1%</td>
</tr>
<tr>
<td>6.0</td>
<td>Marshmallow</td>
<td>23</td>
<td>0.3%</td>
</tr>
</tbody>
</table>
Hotels

Landmarks

Component Tree

- root_layout (LinearLayout) (vertical)
  - image_layout (LinearLayout) (horizontal)
    - imageView1 - @drawable/london_bus
    - imageView2 - @drawable/big_ben
    - imageView3 - @drawable/london_eye
    - imageView4 - @drawable/skyline
  - text_layout (LinearLayout) (vertical)
    - textView1 - "Hotels"
    - textView2 - "Landmarks"
    - textView3 - "Transport"
    - textView4 - "Restaurants"
    - textView5 - "Theater"
    - textView6 - "Shopping"
toLeftOf=text_view, margin=38 dp
below=text_view, margin=45 dp
Chapter 3: Common Components

Remove from favorites?

Removing this contact from your favorites will mean that you no longer receive regular updates from them.

CANCEL    REMOVE
<table>
<thead>
<tr>
<th>Amber</th>
<th>500</th>
<th>#FFC107</th>
</tr>
</thead>
<tbody>
<tr>
<td>700</td>
<td>#FFA000</td>
<td></td>
</tr>
<tr>
<td>A200</td>
<td>#40C4FF</td>
<td></td>
</tr>
</tbody>
</table>
Chapter 4: Sliding Drawers and Navigation
Tonight's feature
Black and white with subtitles

Drama

Film

Sport

News

National

International
Correct

Incorrect
Tonight's feature
Black and white with subtitles
Chapter 5: Lists, Cards, and Data
Supporting text. This can be of variable length and also perform the same action as the image.
Contacts

Bill
Currently offline

Sally
Currently busy

Janet
Available to chat
Display 1: Regular 34sp
Headline: Regular 24sp
Title: Medium 20sp
Subhead: Regular 16sp
Body 2: Medium 14sp
Body 1: Regular 14sp
Caption: Regular 12sp
Button: MEDIUM ALL CAPS 14sp

Bill
Currently offline
Beach Hotel

Booking now

Family run hotel
Only minutes from the beach

SHARE    BOOK
Chapter 6: Animations and Transitions
```xml
<ripple xmlns:android="http://schemas.android.com/apk/res/android"
        android:color="@android:colorControlHighlight">
    <item android:id="@android:id/mask">
        <shape android:shape="rectangle">
            <solid android:color="@android:colorAccent" />
        </shape>
    </item>
</ripple>
```
The Movie II
The sequel to The Movie
Lower API levels target more devices, but have fewer features available. By targeting API 21 and later, your app will run on approximately 97% of the devices that are active on the Google Play Store.

Help me choose
Title

Content
Chapter 8: Material Web Framework

- **Fe**
  - Iron Elements
  - Polymer core elements

- **Md**
  - Paper Elements
  - Material design elements

- **Go**
  - Google Web Components
  - Components for Google's APIs and services

- **Au**
  - Gold Elements
  - Ecommerce Elements

- **Ne**
  - Neon Elements
  - Animation and Special Effects

- **Pt**
  - Platinum Elements
  - Offline, push, and more

- **Mo**
  - Molecules
  - Wrappers for third-party libraries
Postcard

Having a great time
Weather is lovely
Wish you were here xxx

SEND
Custom CSS theme builder

Click on the color wheel to choose a primary (1) and accent (2) color to preview the theme below. When you've selected a color combination you like, either reference our hosted CSS or download the CSS by clicking the white button in the middle. You will need to include XML & JavaScript alongside your customized CSS to get the full experience. This is included in our default Download from the Getting Started guide.

Try it out

Lorem ipsum dolor sit amet

BUTTON
Postcard

Having a great time.
Weather is lovely.
Wish you were here xxx
Materialize
This is the standard version that comes with both the minified and unminified CSS and JavaScript files. This option requires little to no setup. Use this if you are unfamiliar with Sass.

Sass
This version contains the source SCSS files. By choosing this version you have more control over which components to include. You will need a Sass compiler if you choose this option.
Tuesday will be cloudy with cold spells
Maximum temperature will be around 5 degrees

Expect showers later
Tuesday will be cloudy with cold spells
Maximum temperature will be around 5 degrees
Expect showers later
Place of birth

Lond|
<table>
<thead>
<tr>
<th>Android versions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jellybean</td>
</tr>
<tr>
<td>Kit-kat</td>
</tr>
<tr>
<td>Lollipop</td>
</tr>
<tr>
<td>Marshmallow</td>
</tr>
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</table>
Chapter 10: Material Design Lite

<table>
<thead>
<tr>
<th>Item</th>
<th>Weight</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tea (loose leaf)</td>
<td>250g</td>
<td>$3.99</td>
</tr>
<tr>
<td>Coffee (ground)</td>
<td>500g</td>
<td>$4.25</td>
</tr>
<tr>
<td>Chocolate (drinking)</td>
<td>1kg</td>
<td>$7.95</td>
</tr>
</tbody>
</table>

Your address

Telephone number...

Telephone number...

Telephone number...

abc

This is not a number!
Here is some text