

Android Basics: User Interface

Building Layouts: Part 1 — Views

1. ~View~ — a rectangular area visible on the screen, it has a width, height and color.
2. ~ImageView~ — displays an image such as an icon or a photo.
3. ~TextView~ — displays text
4. ~Button~ - TextView that is sensitive to touch
5. ~ViewGroup~ — a big view that contains and positions the smaller Views inside it

Views are the basic building blocks that you use to create visuals on your screen.

Textview

XML Syntax:

```
<TextView
    android:text="Happy Birthday!"
    android:background="@android:color/darker_gray"
    android:layout_width="150dp"
    android:layout_height="75dp" />
```

Linear Layout

XML Syntax:

```
<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:orientation="vertical">

<TextView
    android:text="Happy Birthday!"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content" />

<TextView
    android:text="You're the best!"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content" />

</LinearLayout>
```