

# xaml 控件

## 1. Label

```
<Label
    Text="文本" <!-- 文本 -->
    TextColor="Red" <!-- 颜色 -->
    FontSize="18" <!-- 大小 -->
    FontAttributes="Bold,Italic" <!-- 加粗/斜体/无 -->
    FontFamily="Microsoft YaHei" <!-- 字体 -->
    HorizontalTextAlignment="Center" <!-- 左/中/右 -->
    VerticalTextAlignment="Center" <!-- 上/中/下 -->
    LineBreakMode="WordWrap" <!-- 换行 -->
    MaxLines="2" <!-- 行数 -->
    CharacterSpacing="2" <!-- 字间距 -->
    Padding="5" <!-- 内边距 -->
    Margin="10" <!-- 外边距 -->
    BackgroundColor="LightYellow" <!-- 背景色 -->
    Opacity="0.8" <!-- 透明度 -->
    IsVisible="True" <!-- 是否可见 -->
    AutomationId="Label1" <!-- ID -->
    x:Name="MyLabel" <!-- 名称 -->
    TextDecorations="Underline,Strikethrough" <!-- 下划线/删除线 -->
/>
```

## 2. Entry

```
<Entry
    Text="{Binding UserName, Mode=TwoWay}" <!-- 文本框内容 MVVM模式 -->
    Placeholder="请输入" <!-- 提示文本 -->
    IsPassword="True" <!-- 是否密码框 -->
    Keyboard="Email" <!-- 默认/数字/邮件/聊天/电话/网址 -->
    MaxLength="20" <!-- 最大长度 -->
    IsReadOnly="False" <!-- 是否只读 -->
    TextColor="Black" <!-- 文本颜色 -->
    FontSize="16" <!-- 字体大小 -->
```

```

FontFamily="Arial"                <!-- [ ] [ ] [ ] [ ] -->
HorizontalTextAlignment="Start"    <!-- [ ] [ ] [ ] [ ] -->
VerticalTextAlignment="Center"     <!-- [ ] [ ] [ ] [ ] -->
ClearButtonVisibility="WhileEditing" <!-- [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] -->
ReturnType="Done"                  <!-- [ ] [ ] [ ] [ ] [ ] [ ] -->
ReturnCommand="{Binding DoneCommand}" <!-- [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] -->
CursorPosition="0"                <!-- [ ] [ ] [ ] [ ] [ ] [ ] -->
SelectionLength="0"               <!-- [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] -->
Margin="10"
Padding="5"
BackgroundColor="White"
IsEnabled="True"
Opacity="1"
x:Name="MyEntry"
/>

```

### 3. Editor

```

<Editor
    Text="{Binding Description, Mode=TwoWay}" <!-- [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] -->
    Placeholder="[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]"
    AutoSize="TextChanges"             <!-- [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] Disabled/TextChanges -->
    IsReadOnly="False"
    MaxLength="200"
    TextColor="Gray"
    FontSize="14"
    FontFamily="Arial"
    BackgroundColor="WhiteSmoke"
    Margin="10"
    Padding="5"
    IsEnabled="True"
    Opacity="1"
    x:Name="MyEditor"
/>

```

### 4. Button




```

<Button
    Text="[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]" <!-- [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] -->
    Command="{Binding SubmitCommand}" <!-- MVVM [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] -->

```

```
CommandParameter="{Binding SomeValue}" <!-- [ ] [ ] [ ] [ ] -->
IsEnabled="True" <!-- [ ] [ ] [ ] [ ] -->
BackgroundColor="DodgerBlue" <!-- [ ] [ ] [ ] [ ] -->
TextColor="White" <!-- [ ] [ ] [ ] [ ] -->
FontSize="18"
FontAttributes="Bold"
CornerRadius="8" <!-- [ ] [ ] [ ] [ ] -->
BorderColor="Gray" <!-- [ ] [ ] [ ] [ ] -->
BorderWidth="2" <!-- [ ] [ ] [ ] [ ] -->
ImageSource="icon.png" <!-- [ ] [ ] [ ] [ ] -->
Padding="10"
Margin="10"
Opacity="1"
x:Name="MyButton"
/>
```

## 5. Image

<Image	
Source="dotnet_bot.png"	<!--  URL -->
Aspect="AspectFill"	<!--  AspectFit/AspectFill/Fill/Center -->
IsAnimationPlaying="True"	<!-- GIF  -->
Opacity="0.9"	
IsVisible="True"	
HeightRequest="100"	
WidthRequest="100"	
Margin="5"	
x:Name="MyImage"	
/>	

## 6. CollectionView

```
<CollectionView  
    ItemsSource="{Binding Items}"          <!-- [ ] [ ] -->  
    ItemTemplate="{StaticResource MyTemplate}" <!-- [ ] [ ] [ ] [ ] -->  
    ItemsLayout="VerticalList"             <!-- [ ] [ ] [ ] [ ] VerticalList/HorizontalList/VerticalGrid/HorizontalGrid -->  
    SelectionMode="Single"                 <!-- [ ] [ ] [ ] [ ] None/Single/Multiple -->  
    SelectedItem="{Binding SelectedItem, Mode=TwoWay}" <!-- [ ] [ ] -->  
    Header="[ ] [ ] [ ] [ ]"  
    Footer="[ ] [ ] [ ] [ ]"
```

```
IsGrouped="False"
EmptyView="□□□□"
Margin="10"
x:Name="MyCollectionView"
/>
```

## 7. Picker

```
<Picker
  ItemsSource="{Binding Options}" <!-- □□□□ -->
  SelectedItem="{Binding SelectedOption, Mode=TwoWay}" <!-- □□ -->
  SelectedIndex="{Binding SelectedIndex, Mode=TwoWay}" <!-- □□□□ -->
  Title="□□□"
  TextColor="Black"
  FontSize="16"
  Margin="10"
  x:Name="MyPicker"
/>
```

## 8. Switch

```
<Switch
  IsToggled="{Binding IsEnabled, Mode=TwoWay}" <!-- □□□□ -->
  OnColor="Green" <!-- □□□□ -->
  ThumbColor="White" <!-- □□□□ -->
  IsEnabled="True"
  Margin="10"
  x:Name="MySwitch"
/>
```

## 9. CheckBox

```
<CheckBox
  IsChecked="{Binding IsChecked, Mode=TwoWay}" <!-- □□□□ -->
  Color="DodgerBlue" <!-- □□□□ -->
  IsEnabled="True"
  Margin="10"
  x:Name="MyCheckBox"
/>
```

## 10. RadioButton

```
<RadioButton
  Content="{Binding A}" <!-- [ ] -->
  GroupName="Group1" <!-- [ ] -->
  IsChecked="{Binding IsOptionA, Mode=TwoWay}" <!-- [ ] -->
  Color="Orange"
  IsEnabled="True"
  Margin="10"
  x:Name="MyRadioButton"
/>
```

## 11. Slider

```
<Slider
  Minimum="0" <!-- [ ] -->
  Maximum="100" <!-- [ ] -->
  Value="{Binding Progress, Mode=TwoWay}" <!-- [ ] -->
  ThumbColor="Red" <!-- [ ] -->
  MinimumTrackColor="Blue" <!-- [ ] -->
  MaximumTrackColor="Gray" <!-- [ ] -->
  IsEnabled="True"
  Margin="10"
  x:Name="MySlider"
/>
```

## 12. ProgressBar

```
<ProgressBar
  Progress="{Binding ProgressValue}" <!-- [ ] 0~1 -->
  ProgressColor="Green"
  BackgroundColor="LightGray"
  Margin="10"
  x:Name="MyProgressBar"
/>
```

## 13. ActivityIndicator

```
<ActivityIndicator
  IsRunning="{Binding IsBusy}" <!-- [ ] -->
```

```
Color="Purple"
IsVisible="{Binding IsBusy}"
Margin="10"
x:Name="MyActivityIndicator"
/>
```

## 14. DatePicker

```
<DatePicker
    Date="{Binding SelectedDate, Mode=TwoWay}" <!-- 日期选择器 -->
    MinimumDate="2020-01-01"
    MaximumDate="2030-12-31"
    Format="yyyy-MM-dd"
    TextColor="Black"
    Margin="10"
    x:Name="MyDatePicker"
/>
```

## 15. TimePicker

```
<TimePicker
    Time="{Binding SelectedTime, Mode=TwoWay}" <!-- 时间选择器 -->
    Format="HH:mm"
    TextColor="Black"
    Margin="10"
    x:Name="MyTimePicker"
/>
```

## 16. WebView

```
<WebView
    Source="{Binding WebUrl}" <!-- 网页地址 -->
    HeightRequest="300"
    WidthRequest="400"
    Margin="10"
    x:Name="MyWebView"
/>
```

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# 17. Frame

```
<Frame
  CornerRadius="10"           <!-- 10px -->
  HasShadow="True"           <!-- 10px -->
  BorderColor="Gray"
  BackgroundColor="White"
  Padding="10"
  Margin="10"
  x:Name="MyFrame">
  <Label Text="Frame" />
</Frame>
```

# 18. Border MAUI 10px

```
<Border
  Stroke="Red"                 <!-- 10px -->
  StrokeThickness="2"         <!-- 10px -->
  StrokeShape="RoundRectangle 8" <!-- 10px -->
  Background="LightYellow"
  Margin="10"
  x:Name="MyBorder">
  <Label Text="Border" />
</Border>
```

# 19. Expander

```
<Expander
  IsExpanded="{Binding IsExpanded, Mode=TwoWay}" <!-- 10px -->
  Margin="10"
  x:Name="MyExpander">
  <Expander.Header>
    <Label Text="Header" />
  </Expander.Header>
  <Label Text="Content" />
</Expander>
```

# 20. 10px

10px	10px
------	------

Margin	□□□
Padding	□□□
BackgroundColor	□□□
Opacity	□□□
IsVisible	□□□□
IsEnabled	□□□□
WidthRequest	□□□□
HeightRequest	□□□□
HorizontalOptions	□□□□□□
VerticalOptions	□□□□□□
AutomationId	□□□□□ ID
x:Name	□□□□

□□□ #4  
□ □□ □□ 5 □ 2025 17:06:56  
□ □□ □□ 5 □ 2025 17:55:00