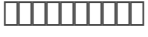













maui



- xaml [] [] [] [] _____
- xaml [] [] [] [] _____
- xaml [] [] [] [] _____
- xaml [] [] [] [] _____

xaml



	
AutomationId	
StyleClass	
Resources	
BindingContext	
ToolBarItems	
Visual	 Material 
FlowDirection	 LTR/RTL 
IsBusy	
InputTransparent	
Opacity	
IsEnabled	
IsVisible	
Margin	
WidthRequest/HeightRequest	
MinimumWidthRequest/MinimumHeightRequest	
MaximumWidthRequest/MaximumHeightRequest	
AnchorX/AnchorY	
Rotation/RotationX/RotationY	
Scale	
TranslationX/TranslationY	

ContentPage

```

<ContentPage
  x:Class="Demo1.Pages.FullContentPage"
  Title="ContentPage" <!-- ContentPage -->
  BackgroundColor="AliceBlue" <!-- ContentPage -->

```



```

BarBackgroundColor="White" <!-- ████████ -->
BarTextColor="Gray" <!-- ████████ -->
SelectedTabColor="DodgerBlue" <!-- ██████ -->
UnselectedTabColor="LightGray" <!-- ████████ -->
Shell.TabBarIsVisible="True" <!-- Shell██████ TabBar -->
Shell.TabBarBackgroundColor="White" <!-- Shell██ TabBar████ -->
Shell.TabBarTitleColor="Black" <!-- Shell██ TabBar████ -->
Shell.TabBarUnselectedColor="LightGray" <!-- Shell██████ Tab██ -->
Shell.TabBarForegroundColor="DodgerBlue" <!-- Shell██ TabBar████ -->
Shell.TabBarDisabledColor="Gray" <!-- Shell██ TabBar████ -->
Shell.TabBarShadowColor="LightGray" <!-- Shell██ TabBar████ -->
>
<ContentPage Title="██ " IconImageSource="home.png" />
<ContentPage Title="██ " IconImageSource="discover.png" />
<ContentPage Title="██ " IconImageSource="user.png" />
</TabbedPage>

```

```
██████
```

```

CurrentPage██████████ C# ███
██████████ Title█ IconImageSource

```

Shell ██████████

```
Shell █ .NET MAUI ████████████████████ Flyout██████ TabBar████████ Stack
```

```
████████████████████
```

```
Shell ████████
```

```
Shell █████ FlyoutPage█ TabbedPage█ NavigationPage█ ContentPage█
```

```
Shell █ <Shell> ████████████████████ Route ██████
```

```
Shell █████ Shell.TabBarIsVisible████ Shell ████████
```

```
Shell █ URI ████████████████████ /TabBar████
```

```
<Shell
```

```
  x:Class="Demo1.AppShell"
```

```
  BackgroundColor="White"
```

```
  TitleColor="Black"
```

```
>
```

```
<!-- ██████ -->
```

```
<FlyoutItem Title="██ " Icon="menu.png">
```

```

<!-- TabBar[] -->
<TabBar>
  <Tab Title=""[] " Icon="home.png">
    <ShellContent ContentTemplate="{DataTemplate local:MainPage}" />
  </Tab>
  <Tab Title=""[] " Icon="discover.png">
    <ShellContent ContentTemplate="{DataTemplate local:DiscoverPage}" />
  </Tab>
  <Tab Title=""[] " Icon="user.png">
    <ShellContent ContentTemplate="{DataTemplate local:ProfilePage}" />
  </Tab>
</TabBar>
</FlyoutItem>
<!-- [][] -->
<ShellContent Route="settings" ContentTemplate="{DataTemplate local:SettingsPage}" />
</Shell>

```













```

Shell [][] Flyout[] [] [] [] [] TabBar[] [] [] [] [] Stack[] [] [] [] []
Shell [] [] [] [] [] [] [] /TabBar[] [] [] [] []
[] [] [] Shell [] [] [] [] Shell [] [] [] []
[] [] [] [] [] Shell[] [] [] [] [] [] [] [] [] [] []










```

xaml


StackLayout

	
Orientation	 Vertical/Horizontal 
Spacing	
Padding	
Margin	
HorizontalOptions	
VerticalOptions	
BackgroundColor	

Grid

	
RowDefinitions	
ColumnDefinitions	
Padding	
Margin	
RowSpacing	
ColumnSpacing	
BackgroundColor	



Grid.Row

Grid.Column

Grid.RowSpan

Grid.ColumnSpan

FlexLayout

	
---	---

Direction	[][][] Row/Column[]
Wrap	[][][] NoWrap/Wrap/Reverse[]
JustifyContent	[][][]
AlignItems	[][][]
AlignContent	[][][]
Padding	[][]
Margin	[][]
BackgroundColor	[][]

```

[][][]

FlexLayout.Order[][][]
FlexLayout.Grow[][][]
FlexLayout.Shrink[][][]
FlexLayout.Basis[][][]
FlexLayout.AlignSelf[][][]

```

AbsoluteLayout

[][]	[][]
Padding	[][]
Margin	[][]
BackgroundColor	[][]

```

[][][]

AbsoluteLayout.LayoutBounds[][][] "x, y, width, height"[]
AbsoluteLayout.LayoutFlags[][][] All/None/WidthProportional/HeightProportional[]

```

VerticalStackLayout / HorizontalStackLayout

[][][] / [][][]







[][]	[][]
Spacing	[][][]
Padding	[][]
Margin	[][]

xaml

ScrollView








 

- Orientation  Vertical/Horizontal 
- Content 
- Padding  Margin  BackgroundColor 

CollectionView

  / 

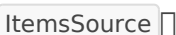

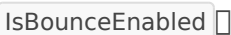
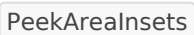


 

- ItemsSource 
- ItemTemplate 
- ItemsLayout 
- SelectionMode  SelectedItem 
- Header  Footer 

CarouselView

- ItemsSource  ItemTemplate 
- IsBounceEnabled  PeekAreaInsets 
- Loop  Position 

Frame

xaml

1. Label

```
<Label
  Text="□□□□" <!-- □□□□ -->
  TextColor="Red" <!-- □□□□ -->
  FontSize="18" <!-- □□□□ -->
  FontAttributes="Bold,Italic" <!-- □□□□ Bold/Italic/None -->
  FontFamily="Microsoft YaHei" <!-- □□□□ -->
  HorizontalTextAlignment="Center" <!-- □□□□ Start/Center/End -->
  VerticalTextAlignment="Center" <!-- □□□□ -->
  LineBreakMode="WordWrap" <!-- □□□□ -->
  MaxLines="2" <!-- □□□□ -->
  CharacterSpacing="2" <!-- □□□□ -->
  Padding="5" <!-- □□□□ -->
  Margin="10" <!-- □□□□ -->
  BackgroundColor="LightYellow" <!-- □□□□ -->
  Opacity="0.8" <!-- □□□□ -->
  IsVisible="True" <!-- □□□□ -->
  AutomationId="Label1" <!-- □□□□ ID -->
  x:Name="MyLabel" <!-- □□□□ -->
  TextDecorations="Underline,Strikethrough" <!-- □□□□ /□□□□ -->
/>
```

2. Entry

```
<Entry
  Text="{Binding UserName, Mode=TwoWay}" <!-- □□□□□□□□ MVVM□□□□ -->
  Placeholder="□□□□□□" <!-- □□□□ -->
  IsPassword="True" <!-- □□□□ -->
  Keyboard="Email" <!-- □□□□ Default/Numeric/Email/Chat/Telephone/Url -->
  MaxLength="20" <!-- □□□□ -->
  IsReadOnly="False" <!-- □□□□ -->
  TextColor="Black" <!-- □□□□□□ -->
  FontSize="16" <!-- □□□□ -->
  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}" <!-- [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] -->

```



```
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"
/>
```

navigated nagigating

17. Frame

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