

Luiz Fernando Souza / Eliane Marion

Cores e Estilos

1. Abra o arquivo Resources/Styles/Colors.xaml e crie as tags abaixo. Definiremos neste arquivo cores nomeadas por nomenclaturas que poderemos usar em outras partes do projeto.

```
ResourceDictionary
xmlns="http://schemas.microsoft.com/dotnet/2021/maui"
xmlns:x="http://schemas.microsoft.com/winfx/2009/xaml">

<pr
```

2. Abra o arquivo Resources/Styles/Styles.xaml e crie o estilo abaixo

3. Abra a view MainPage.Xaml e delete os elementos dentro da tag ContentPage. Insira o layout abaixo

```
<ContentPage.Content>
        <VerticalStackLayout Padding="25" Spacing="30">
            <Frame
                BackgroundColor="{StaticResource MainColor}"
                HeightRequest="{OnPlatform Android=190, iOS=220}"
                Padding="0" HasShadow="false" CornerRadius="10">
                <Grid>
                    <Image Source="dotnet_bot.svg"/>
                    <FlexLayout Direction="Row" Margin="20" AlignItems="Stretch">
                        <Label Text="RPG App" FlexLayout.Grow="1" FontAttributes="Bold"</pre>
                                FontSize="20" VerticalTextAlignment="Center"/>
                         <FlexLayout FlexLayout.Grow="2" Direction="Column"</pre>
                             AlignItems="End" JustifyContent="Center">
                             <Label Text="Usuários" FontSize="20"/>
                             <Button Style="{StaticResource WhiteButtonSmall}" Text="VER"/>
                        </FlexLayout>
                    </FlexLayout>
                </Grid>
            </Frame>
        </VerticalStackLayout>
    </ContentPage.Content>
```



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A montagem do layout ficará conforme abaixo. Perceba que temos a configuração da cor *MainColor*, inserida no arquivo de cores sendo mencionada no BackgroundColor através do StaticResource. Perceba também que o botão presente no layout está recebendo o estilo WhiteButtonSmall configurado no arquivo de estilos. Execute o aplicativo para testar as alterações.

```
<?xml version="1.0" encoding="utf-8" ?>
<ContentPage xmlns="http://schemas.microsoft.com/dotnet/2021/maui"</pre>
             xmlns:x="http://schemas.microsoft.com/winfx/2009/xaml"
             x:Class="AppRpgEtec.MainPage">
    ContentPage.Content>
        <VerticalStackLayout Padding="25" Spacing="30">
                BackgroundColor=[ "{StaticResource MainColor}"
                HeightRequest="{OnPlatform Android=190, iOS=220}"
                Padding="0" HasShadow="false" CornerRadius="10">
                <Grid>
                    <Image Source="dotnet_bot.svg"/>
                    <FlexLayout Direction="Row" Margin="20" AlignItems="Stretch">
                        <Label Text="RPG App" FlexLayout.Grow="1" FontAttributes="Bold"</pre>
                               FontSize="20" VerticalTextAlignment="Center"/>
                        <FlexLayout FlexLayout.Grow="2" Direction="Column"</pre>
                            AlignItems="End" JustifyContent="Center">
                            <Label Text="Usuários" FontSize="20"/>
                            <Button Style="{StaticResource WhiteButtonSmall}" Text="VER"/>
                        </FlexLayout>
                    </FlexLayout>
                </Grid>
            </Frame>
        </VerticalStackLayout>
     /ContentPage.Content>
</ContentPage>
```

4. Insira as tags abaixo antes de "ContentPage.Content" para testarmos mais uma forma declarar recursos de layout.



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5. Insira as tags abaixo do Frame mais externo

</HorizontalStackLayout>

```
<Label Text="Este App oferece recursos para" FontAttributes="Bold" FontSize="Medium"/>
            <ScrollView Orientation="Horizontal">
                <HorizontalStackLayout>
                    <Frame Style="{StaticResource FrameOptions}" Padding="0"</pre>
HeightRequest="{OnPlatform Android=150, iOS=140}"
                            WidthRequest="{OnPlatform Android=120, iOS=140}">
                         <VerticalStackLayout Spacing="0" VerticalOptions="Center">
                             <Image Source="menupersonagens.svg"/>
                             <Label Text="Personagens" FontSize="Small"</pre>
HorizontalTextAlignment="Center" Margin="10,0"/>
                         </VerticalStackLayout>
                    </Frame>
                    <Frame Style="{StaticResource FrameOptions}" Padding="0"</pre>
HeightRequest="{OnPlatform Android=150, iOS=140}"
                            WidthRequest="{OnPlatform Android=120, iOS=140}">
                         <VerticalStackLayout Spacing="30" VerticalOptions="Center">
                             <Image Source="menuarmas.png"/>
                             <Label Text="Armas" FontSize="Small" HorizontalTextAlignment="Center"</pre>
Margin="10,0"/>
                         </VerticalStackLayout>
                    </Frame>
                    <Frame Style="{StaticResource FrameOptions}" Padding="0"</pre>
HeightRequest="{OnPlatform Android=150, iOS=140}"
                         WidthRequest="{OnPlatform Android=120, iOS=140}">
                         <VerticalStackLayout Spacing="0" VerticalOptions="Center">
                             <Image Source="menudisputas.png"/>
                             <Label Text="Disputas" FontSize="Small"</pre>
HorizontalTextAlignment="Center" Margin="10,0"/>
                         </VerticalStackLayout>
                    </Frame>
                </HorizontalStackLayout>
            </ScrollView>
            <HorizontalStackLayout Margin="10,100">
                <Image Source="exit.svg" WidthRequest="50"/>
                <Label Text="Sair" Margin="10,0,0,0,0" VerticalTextAlignment="Center" />
```



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O layout deverá ficar conforme abaixo. Execute o aplicativo para testar

```
</FlexLayout>
                              </Grid>
                      </Frame>
                       <Label Text="Este App oferece recursos para" FontAttributes="Bold" FontSize="Medium"/>
                              rollView Orientation="Morizontat" /

**HorizontalStackLayout>

**Frame Style="{StaticResource FrameOptions}" Padding="0" HeightRequest="{OnPlatform Android=150, iOS=140}"

**WidthRequest="{OnPlatform Android=120, iOS=140}">

**VerticalStackLayout Spacing="0" VerticalOptions="Center">

**Image Source="menupersonagens.svg"/>

**Label Text="Personagens" FontSize="Small" HorizontalTextAlignment="Center" Margin="10,0"/>

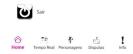
**VerticalStackLayout>
                                     </Frame>
                                     <Frame Style="{StaticResource FrameOptions}" Padding="0" HeightRequest="{OnPlatform Android=150, iOS=140}"
    WidthRequest="{OnPlatform Android=120, iOS=140}">
    <VerticalStackLayout Spacing="30" VerticalOptions="Center">
    <Image Source="menuarmas.png"/>
    <Label Text="Armas" FontSize="Small" HorizontalTextAlignment="Center" Margin="10,0"/>
    </VerticalStackLayout>
                                     </Frame>
                                     </VerticalStackLayout>
                              </frame>
</HorizontalStackLayout>
                        /ScrollView>
                        HorizontalStackLayout Margin="10,100">

<Image Source="exit.svg" WidthRequest="50"/>

<Label Text="Sair" Margin="10,0,0,0" VerticalTextAlignment="Center" />

(VincinctalScales)
                         /HorizontalStackLayout>
                </VerticalStackLayout>
        </ContentPage.Content>
</ContentPage>
```





Recomendações de estudos para Criação de layout, estilos e cores - Canal dotNET

Documentação: https://learn.microsoft.com/en-us/dotnet/maui/user-interface/layouts/?view=net-maui-7.0
Parte I https://www.youtube.com/watch?v=x sNPEwS3kA
Parte II https://www.youtube.com/watch?v=k3oediCzZvs