**Action Buttons**

Action Buttons are available in 2 shapes

* Circle
* Square

Available pre-defined icons and its styles

* > (Arrow)
* ? (QuestionMark)
* + (Plus)
* X (Cross)
* - (Minus)

For instance to use Arrow with Circle and Square shape, we need to include below piece of code on layout resource

<**com.philips.cdp.uikit.customviews.PhilipsActionButton  
 style="@style/Philips.ActionButton.Circle.Arrow"**/>

<**com.philips.cdp.uikit.customviews.PhilipsActionButton  
 style="@style/Philips.ActionButton.Square.Arrow"/>**

Users can either define their own styles or layout xml’s with PhilipsActionButton Class with following custom attributes

* actionButtonShape = Square / Circle of type String
* actionButtonBgColor for Background Color of type Integer
* actionButtonBgColorPressed for Pressed Background Color of type Integer
* actionButtonImageDrawable for Icon Background of type Drawable.

**Example to use in Layout**

<**com.philips.cdp.uikit.customviews.PhilipsActionButton  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 custom:actionButtonShape="square"  
 custom:actionButtonBgColor="#ffffff"  
 custom:actionButtonBgColorPressed="#bbbbbbb"  
 custom:actionButtonImageDrawable ="@drawable/plus"**/>

**Example to use in Styles**

<**style name="Philips.ActionButton.Circle"**>  
 <**item name="actionButtonShape"**>circle</**item**>  
 <**item name="android:minWidth"**>@dimen/philips\_action\_button\_radius</**item**>  
 <**item name="android:minHeight"**>@dimen/philips\_action\_button\_radius</**item**>  
 <**item name="actionButtonShape"**>square</**item**>  
 <**item name="actionButtonImageDrawable"**>@drawable/arrow</**item**>

<**item name=" actionButtonBgColor "**>#**ffffff**</**item**>  
 <**item name=" actionButtonBgColorPressed "**>#**bbbbbbb**</**item**>  
</**style**>

**To Support Shadow find the below code for reference**

**Example to use in Layout**

<**com.philips.cdp.uikit.customviews.PhilipsActionButton  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 custom:actionButtonShape="square"  
 custom:actionButtonBgColor="#ffffff"  
 custom:actionButtonBgColorPressed="#bbbbbbb"  
 custom:actionButtonImageDrawable ="@drawable/plus"**

**custom:actionButtonShadow=”true”**

/>

**Example to use in Styles**

<**style name="Philips.ActionButton.Circle"**>  
 <**item name="actionButtonShape"**>circle</**item**>  
 <**item name="android:minWidth"**>@dimen/philips\_action\_button\_radius</**item**>  
 <**item name="android:minHeight"**>@dimen/philips\_action\_button\_radius</**item**>  
 <**item name="actionButtonShape"**>square</**item**>  
 <**item name="actionButtonImageDrawable"**>@drawable/arrow</**item**>

<**item name=" actionButtonBgColor "**>#**ffffff**</**item**>  
 <**item name=" actionButtonBgColorPressed "**>#**bbbbbbb**</**item**>

<**item name=" actionButtonShadow"**>true</**item**>  
  
</**style**>